WALTER BAUER, M. D.
MASSACHUSETTS GENERAL HOSPITAL
BOSTON 14, MASSACHUSETTS

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MASSACHUSETTS GENERAL HOSPITAL
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One Hundred and Thirty-Ninth

Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the Year
1952
Officers and Staff
1953

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

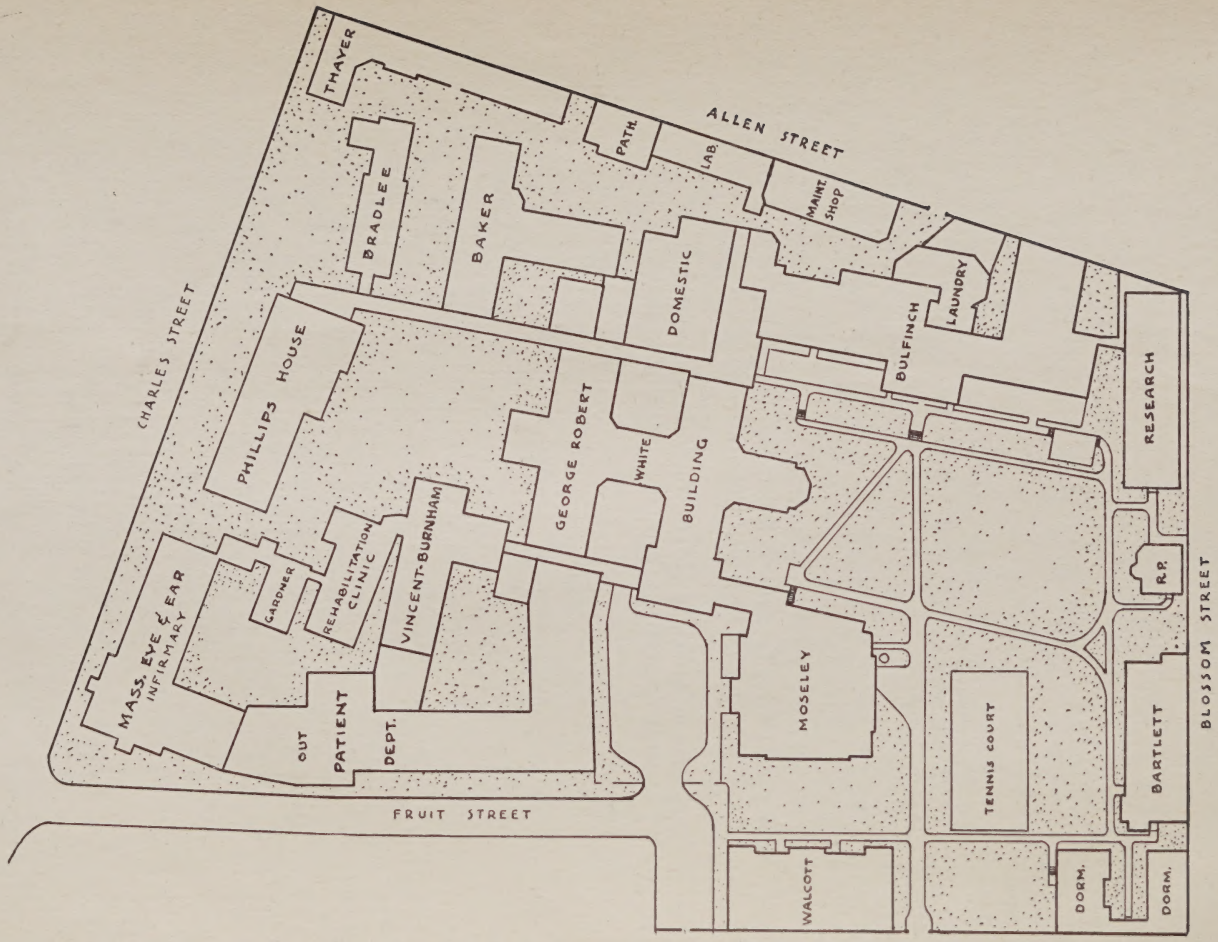
Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

Member of United Community Services of Metropolitan Boston
Member of American Hospital Association

Approved by American College of Surgeons and American
Medical Association for Residencies and Internships



Plot Plan—Massachusetts General Hospital, 1953

One Hundred and Thirty-Ninth
ANNUAL REPORT of the TRUSTEES

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the year

1952

Officers and Staff

1953

TRUSTEES

FRANCIS C. GRAY, *Chairman*

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JOHN R. MACOMBER	*MRS. ROBERT HOMANS
HENRY R. GUILD	FRANCIS W. HATCH
RALPH LOWELL	JOHN E. LAWRENCE
*RT. REV. ROBERT P. BARRY	*FRANCIS O. SCHMITT, PH.D

*ARTHUR W. ALLEN, M.D.

*Appointed by the Governor of the Commonwealth

BOSTON · MASSACHUSETTS

Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay doctors' fees, the Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of those acutely ill, or such chronic cases as can be substantially relieved by hospitalization of short duration. Contagious and mental cases are not admitted.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA. 3-8200.

Application for admission of patients should be made at the George Robert White Building on week days between 9 a.m. and 3 p.m.

Application from a distance should be made in writing by the attending physician with a full description of the case and the reason for requesting admission; and if a reduced rate or a free bed is needed, by a statement of the patient's circumstances. Always wait for a reply before sending the patient.

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness under conditions where services of a physician cannot be obtained readily may come to the Emergency Ward at the hospital entrance at any time.

The rate in the general wards is $16.00 per day for board, plus charges for additional services, such as laboratory, x-rays, operating room and special medicine. A deposit is required upon admission, and bills are payable weekly thereafter in advance. While the rates can be modified for Massachusetts residents if necessary, patients living outside Massachusetts must be able to pay the full rates.

The Out-Patient Department, open for admission from 8:00 to 10:00 a.m. (except Sundays and holidays) is for patients who cannot afford to go to a doctor's office. Appointments should be made by mail.

THE BAKER MEMORIAL

Entrance—same as the General Hospital. Telephone—LA. 3-8200.

This department is for patients of moderate means. Inquiries about admission should be made of the Baker Memorial Admitting Office.

Patients may be referred by any physician but may be attended only by members of the Staff of the Massachusetts General Hospital or the Massachusetts Eye and Ear Infirmary.

Single and double rooms, and ward beds are offered at rates of $16.00 to $21.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance—265 Charles Street. Telephone—LA. 3-8200.

Inquiries about admission or other matters should be made of the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $22.00 to $35.00 per day, plus charges for additional services. Attending physicians arrange their own fees.

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Officers of the Institution, 1953

President

John R. Macomber

Vice-President

Phillips Ketchum

Treasurer

Henry R. Guild

Secretary

Reginald Gray

Trustees

1935 Francis C. Gray, Chairman, 10 Post Office Square
1928 Phillips Ketchum, 1 Federal Street
1934 John R. Macomber, 75 Federal Street
1939 Henry R. Guild, 1 Federal Street
1940 Ralph Lowell, 100 Franklin Street
1941 *Rt. Rev. Robert P. Barry, 71 Warner Street, West Somerville
1943 Lloyd D. Brace, 67 Milk Street
1944 *Mrs. Robert Homans, 280 Beacon Street
1947 Francis W. Hatch, 1220 Statler Building
1947 John E. Lawrence, 60 Batterymarch Street
1947 *Francis O. Schmitt, Ph.D., Department of Biology, Massachusetts Institute of Technology, Cambridge
1953 *Arthur W. Allen, M.D., 266 Beacon Street

*Appointed by the Governor of the Commonwealth

Other Members of the Corporation

Mrs. Frank G. Allen
Philip K. Allen
John S. Ames, Jr.
Robert Amory, Jr.
O. Kelley Anderson
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G. Storer Baldwin
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Alan Steinert
Abbot Stevens
Raymond Stevens
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Charles E. Wyzanski, Jr.

Assistant Treasurer

George S. Weld

45 Milk Street

STANDING COMMITTEES OF THE TRUSTEES

Finance
Messrs. Ketchum, Macomber, Guild, Lowell, and Brace

Legal Affairs
Messrs. Ketchum and Guild

Rules
Messrs. Guild and Brace

Memorials
Monsignor Barry and Mr. Lawrence

VISITING COMMITTEE

(March 1953 - February 1954)

March and September
Mr. Macomber and Mr. Gray

April and October
Mr. Lawrence and Dr. Allen

May and November
Mr. Ketchum and Mr. Guild

June and December
Mr. Lowell and Mr. Brace

July
Mr. Hatch and Prof. Schmitt

August
Monsignor Barry and Mrs. Homans

January 1954
Mr. Hatch and Prof. Schmitt

February 1954
Monsignor Barry and Mrs. Homans

COMBINED COMMITTEES OF TRUSTEES AND STAFF

General Hospital Committee
Mr. Ketchum, Mr. Macomber, Mrs. Homans, Professor Schmitt, Dr. Allen
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McLean Hospital
Mr. Lowell, Monsignor Barry and Mr. Lawrence
Dr. Wood, *Secretary*

Phillips House
Mr. Guild and Mr. Hatch
Drs. C. I. Johnson. J. A. Smith, R. H. Sweet, C. M. Jones, Mrs. Braman
Dr. Clark, *Secretary*

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Monsignor Barry and Dr. Allen

Drs. Colby, Welch, Schall, Barr, Wyman, Ellis, Baker, Mrs. Newcomb

Dr. Neumann, *Secretary*

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Treadwell Library

Drs. Zamecnik, Viets, Balboni, Beecher, Cogan, Castleman, R. D. Adams

Miss Lewis, *Secretary*

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Lowell J. Reed, Sc.D.

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Ralph Lowell
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Dr. Lawrence L. Robbins
Dr. W. Franklin Wood
Dr. Dean A. Clark, *Secretary*

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Miss Cecile Littlefield
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Mrs. Van Courtlandt Elliott
Mrs. Harris Fahnestock
Miss Daphne Corbett

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Miss Sally Johnson
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Mrs. G. Tappan Francis

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Dr. Alfred Frechette
Mrs. Augustus Thorndike
Miss Josephine C. Barbour

MASSACHUSETTS GENERAL HOSPITAL
THE LADIES' VISITING COMMITTEE—1953

Joined	*Officers*
1934	Thorndike, Mrs. Augustus, *Chairman,* 509 Hammond St., Chestnut Hill
1949	Sweetser, Mrs. Homer L., *Vice-Chairman,* 230 Warren St., Brookline
1929	Deane, Mrs. Frederick, *Treasurer,* 280 Beacon St., Boston
1934	Mixter, Mrs. Samuel, *Rec. Secretary,* 225 Sargent Rd., Brookline
1942	Baldwin, Mrs. Robert, *Corr. Secretary,* 989 Memorial Drive, Cambridge

Active Members

1942	Albright, Mrs. Fuller, 271 Goddard Ave., Brookline
1946	Allen, Mrs. Frank G., 65 Commonwealth Ave., Boston
1926	Arnold, Mrs. David B., 35 Spooner Road, Chestnut Hill
1946	Baldwin, Mrs. James T., 91 Middlesex Rd., Chestnut Hill
*1942	Baldwin, Mrs. Robert, 989 Memorial Drive, Cambridge
1950	Bartol, Miss Dorothy, 1 Chestnut St., Boston
1942	Black, Mrs. Taylor, 23 Charles River Square, Boston
1945	Blackman, Mrs. Floyd H., 235 Goddard Ave., Brookline
1943	Bland, Mrs. Edward F., 232 Woodland Rd., Chestnut Hill
1941	Bliss, Mrs. Henry M., Sherborn, Mass.
1948	Brewster, Mrs. Henry H., 71 Columbine Rd., Milton
1929	Bullard, Mrs. William R., 4 Circuit Rd., Chestnut Hill
1945	Cabot, Mrs. Charles C., Dedham St., Needham
1934	Cave, Mrs. Edwin F., 11 Laurel Rd., Chestnut Hill
1946	Cheney, Mrs. Charles W., 20 Gray Gardens West, Cambridge
1948	Churchill, Mrs. Edward D., 269 Prospect St., Belmont
1926	Courtney, Mrs. Paul G., 44 Beacon St., Boston
1931	Cunningham, Mrs. I. C., 3 Bates St., Cambridge
1939	Danielson, Mrs. Richard E., 301 Berkeley St., Boston
*1929	Deane, Mrs. Frederick, 280 Beacon St., Boston
1933	Dumaine, Miss Betty, Wayland, Mass.
1939	Eustis, Mrs. Frederic A., 1452 Canton Ave., Milton
1949	Faxon, Mrs. Nathaniel W., 25 Chestnut St., Boston
1937	Fiske, Mrs. Gardiner H., 206 Beacon St., Boston
1946	Fuller, Mrs. Carlton P., 12 Fletcher Rd., Belmont
1951	Gorham, Mrs. Thomas, 32 Fernald Drive, Cambridge
1924	Gray, Mrs. Francis C., 62 Beacon St., Boston
1903	Hale, Mrs. Richard W., The Braemore, 464 Commonwealth Ave., Boston
1951	Hale, Mrs. Whitney, 28 Brimmer St., Boston
1904	Hill, Mrs. Arthur D., 61 Mt. Vernon St., Boston
1926	Homans, Miss Katherine A., Ponkapoag, Canton
1929	Hovey, Mrs. Chandler, 258 Hammond St., Chestnut Hill
1937	Howard, Mrs. Charles P., 124 Beacon St., Boston
1948	Jenney, Mrs. Reginald, 300 Woodland Rd., Chestnut Hill
1945	Jones, Mrs. Chester M., 8 Pickwick Rd., West Newton
1940	Kittredge, Mrs. Wheaton, Jr., 106 Crafts Road, Chestnut Hill

*Officers

1948 Lawrence, Mrs. James, Jr., 282 Newton St., Brookline
1951 Manice, Mrs. William D., Jr., Orchard Ave., Weston
1951 Means, Mrs. James H., 60 Mt. Vernon St., Boston
1935 Meigs, Mrs. Joe V., 81 Beacon St., Boston
1938 Mills, Mrs. Charles F.
*1934 Mixter, Mrs. Samuel, 225 Sargent Rd., Brookline
1915 Mixter, Mrs. William Jason, Woods Hole, Mass.
1952 Neiley, Mrs. Richard B., Ard Righ Farm, Medfield
1951 Osborn, Mrs. Richard, 535 Hammond St., Chestnut Hill
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1952 Peabody, Miss Margery, Groton, Mass.
1935 Revere, Miss Anna P., The Cedars, Canton, Mass.
1953 Riemer, Mrs. Karl, 397 Nahatan St., Westwood
1953 Rogers, Mrs. Ellery W., 9 Sears Rd., Brookline
*1949 Sweetser, Mrs. Homer L., 230 Warren St., Brookline
1945 Taylor, Mrs. John Stallman, 5 Poplar Place, Boston
*1934 Thorndike, Mrs. Augustus, 509 Hammond St., Chestnut Hill
1951 Tobey, Mrs. Walter P., 107 Crafts Rd., Chestnut Hill
1935 Warren, Mrs. Edward H., Concord, Mass.
1947 Wiggin, Mrs. Morrill, 3 Perrin Rd., Brookline
1952 Wood, Mrs. Orrin G., 170 Heath St., Chestnut Hill (1931-1932)

Honorary and Associate Members

1948 Apthorp, Mrs. Robert E., 4 Harbor View, Marblehead, Mass.
1924 Dalton, Mrs. Philip S., 156 East 79th St., New York City
1921 Fisher, Miss Edith, The Beaconsfield, 1731 Beacon St., Boston
1943 Sherrill, Mrs. Henry K., Dover House, Round Hill Rd., Greenwich, Conn.
**1906 Sullivan, Mrs. James A., 35 Standley St., Beverly, Mass.
1939 Thayer, Mrs. William G., 250 Beacon St., Boston
1935 Tilton, Miss Elizabeth, 101 Chestnut St., Boston
**1933 Whittier, Miss Isabelle, 40 Churchill's Lane, Milton

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William H. Smith, M.D.
Robert B. Osgood, M.D.
Beth Vincent, M.D.
E. Lawrence Oliver, M.D.
Varaztad H. Kazanjian, M.D.
James R. Torbert, M.D.
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Fritz B. Talbot, M.D.
J. Dellinger Barney, M.D.
Channing C. Simmons, M.D.
Wyman Whittemore, M.D.
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Benjamin H. Ragle, M.D.
Harvard H. Crabtree, M.D.
Loretta J. Cummins, M.D.
W. Jason Mixter, M.D.
Leroy M. S. Miner, M.D.
Harry C. Solomon, M.D.
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John Rock, M.D.
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Helene Deutsch, M.D.
Henry C. Marble, M.D.
James B. Ayer, M.D.
Reginald H. Smithwick, M.D.
Marius N. Smith-Petersen, M.D.
Horace K. Sowles, M.D.
Kurt H. Thoma, D.M.D.
George Clymer, M.D.
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*Joseph Garland, M.D.
Maurice Fremont-Smith, M.D.

Director Emeritus
Nathaniel W. Faxon, M.D.

Director Emeritus
School of Nursing and Nursing Service
Sally Johnson, R.N.

---

*July 1, 1953

ADMINISTRATION

General Director
Dean A. Clark, M.D.

Administrator
Ellsworth T. Neumann, M.D.

Associate Director for Resources and Development
David C. Crockett

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Charles L. Clay, M.D.
Leon R. Lezer, M.D.
Frederick D. Foster
Edmund R. Mattos
Henry J. Murphy
E. Michael White

Assistant to the General Director for Research and Education
Robert L. Berg, M.D.

Assistant to the General Director, Phillips House
Constance Braman, R.N.

Administrative Assistant, Out-Patient Department
Margaret Meenan, R.N.

Executive Assistants, General Hospital

Christine Mekkelsen, R.N.
Enes Zambon, R.N.
Helen M. Daly, R.N.
Helen Forrant, R.N.

Executive Assistants, Baker Memorial

Estelle C. Svenson, R.N.
Sarah M. Lifvergren, R.N.
Grace H. Sherman, R.N.
Christine MacKinnon, R.N.

Executive Assistants, Phillips House

Miriam Huggard, R.N.
Helena McCarten, R.N.

Executives Assistants, Out-Patient Department

Florence Giberti, R.N.
Thelma B. Cogswell, R.N.
Ruth Deming, R.N.
Murial Dow, R.N.

Administrative Resident
L. Joseph LeBritton

School of Nursing

Ruth Sleeper, R.N. — *Director, School of Nursing and Nursing Service*
Edna S. Lepper, R.N. — *Associate Director of Nursing Service*

Sylvia Perkins, R.N.	*Assistant Director, School of Nursing*
Jessie Stewart, R.N.	*Assistant Director, School of Nursing*
Dorothy Newcomb, R.N.	*Assistant Director of Nursing Service, Baker Memorial*
Frances Grady, R.N.	*Assistant Director of Nursing Service, Bulfinch Building*
Adele Corkum, R.N.	*Assistant Director of Nursing Service, Vincent-Burnham*
Daphne Corbett, R.N.	*Assistant Director of Nursing Service, White Building*

Social Service Department

Josephine C. Barbour	*Chief of Social Service*
Isobel V. Duguid	*Social Worker, Baker Memorial*

Dietary Department

Louise Hatch	*Director, Dietary Department and School of Dietetics*
Katherine Teel	*Nutrition Instructor*
Elma A. Seibert	*Head Therapeutic Dietitian*
Leila Presson	*Research Dietitian*
Martha Chase	*North End Nutrition Clinic*

Other Administrative Officers

Dorothy M. Courtney	*Chief, Volunteer Service*
Helen H. Cushing	*Head of Information, Baker Memorial*
Frances M. Hernan	*Credit Manager*
Cora F. Holbrook	*Archivist and Editor of The News*
Raymond V. Kinsman	*Superintendent of Works*
Eleanore A. Lewis	*Librarian, Treadwell Library*
Lawrence E. Martin	*Comptroller*
Allen H. Mathewson	*Purchasing Agent*
Mathilda M. Wagner	*Assistant Purchasing Agent*
William J. MacNair	*Head of Housekeeping*
Adeline E. Morrill	*Head of Information, General Hospital*
John T. Murphy	*Head of Pharmacy*
Louise Rathbone	*Chief, Occupational Therapy*
Arthur Rood	*Head of Laundry*
Kathleen Sergott	*Librarian, Warren Library*
E. Louise Seymour	*Record Librarian*
Elizabeth S. Weiss	*Community Relations Consultant*
E. Michael White	*Director of Organization, Massachusetts General Staff Associates*

Staff

VISITING STAFF

MEDICAL DIVISION

GENERAL MEDICINE

Chief of Medical Services

Walter Bauer, M.D.

Physicians

*F. Dennette Adams, M.D.
Fuller Albright, M.D.
Joseph C. Aub, M.D.
Myles P. Baker, M.D.
Edward F. Bland, M.D.
Earle M. Chapman, M.D.
Greene Fitzhugh, M.D.
Chester M. Jones, M.D.
Alfred Kranes, M.D.
Robert S. Palmer, M.D.
Howard B. Sprague, M.D.

Associate Physicians

Walter S. Burrage, M.D.
Richard J. Clark, M.D.
Briant L. Decker, M.D.
Dana L. Farnsworth, M.D.
Harriet L. Hardy, M.D.
Francis T. Hunter, M.D.
Bernard M. Jacobson, M.D.
Jacob Lerman, M.D.
Helen S. Pittman, M.D.
Marian W. Ropes, M.D.
David D. Rutstein, M.D.
Charles L. Short, M.D.
Conger Williams, M.D.
Paul C. M. Zamecnik, M.D.
John W. Zeller, M.D.

Assistant Physicians

Victor G. Balboni, M.D.
Robert L. Berg, M.D.
Allen G. Brailey, M.D.
John W. Cass, Jr., M.D.
Milton H. Clifford, M.D.
Perry J. Culver, M.D.
Charles H. DuToit, M.D.
Daniel S. Ellis, M.D.
John H. Fay, M.D.
Anne P. Forbes, M.D.
Ivan D. Frantz, Jr., M.D.
Allan L. Friedlich, Jr., M.D.
Reed Harwood, M.D.
Alexander Leaf, M.D.
**Janet W. McArthur, M.D.
John P. Monks, M.D.
Gordon S. Myers, M.D.
Thomas F. Paine, Jr., M.D.
Arthur S. Pier, Jr., M.D.
John B Stanbury, M.D.
George P. Sturgis, M.D.
Thomas A. Warthin, M.D.
Arthur L. Watkins, M.D.
Edwin O. Wheeler, M.D.
Roy R. Wheeler, M.D.

Assistants in Medicine

John C. Angley, M.D.
Francis G. Barnum, Jr., M.D.
William P. U. Jackson, M.D.
H. Walter Jones, Jr., M.D.

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*Through June 30, 1953 - July 1, 1953, Bd. of Consultation
**Assigned to Gynecology

Patricia H. Benedict, M.D.
Evan Calkins, M.D.
William P. Chapman, M.D.
James H. Currens, M.D.
J. Evarts Greene, M.D.
John Homans, Jr., M.D.
Benjamin L. Huntington, M.D.
Lewis W. Kane, M.D.
Rita M. Kelley, M.D.
Farahe Maloof, M.D.
Walter W. Point, M.D.
John T. Quinby, M.D.
William J. Shriber, M.D.
Robert H. Talkov, M.D.
Richard G. Whiting, M.D.

Associate Physicist
Gordon L. Brownell, PH.D.

Associate Biologists
Nancy L. R. Bucher, M.D.
Jerome Gross, M.D.

Associate Biophysicist
Jesse F. Scott, M.D.

Associate Biochemists
Lewis L. Engel, PH.D.
Roger W. Jeanloz, D.SC.

Assistant Biochemists
Karl Schmid, PH.D.
Morris Soodak, PH.D.
John Gergely, M.D.

Assistant in Biochemical Research
Billy Baggett, PH.D.

Research Associate
Grace Margaret Rourke

DERMATOLOGY

Chief of Service
Chester N. Frazier, M.D.

Dermatologist
Maurice M. Tolman, M.D.

Assistant Dermatologists
John Adams, Jr., M.D.
William R. Hill, Jr., M.D.
Walter F. Lever, M.D.
Mildred L. Ryan, M.D.

Assistants in Dermatology
Alan P. Freedberg, M.D.
Earl A. Glicklich, M.D.
Basil C. Gray, M.D.
Robert D. Griesemer, M.D.
Merle A. Haanes, M.D.
Milton E. Helman, M.D.
Margaret B. Hussey, M.D.
John E. LeDonne, M.D.
Philip L. McCarthy, M.D.
Arthur S. Spangler, M.D.
Robert F. Tilley, M.D.

Research Associates
Irvin H. Blank, PH.D.
Alexander G. Matoltsy, M.D.

NEUROLOGY

Chief of Service

Raymond D. Adams, M.D.

Neurologists

G. Colket Caner, M.D.
Robert S. Schwab, M.D.

Associate Neurologists

Madelaine R. Brown, M.D.
Edwin M. Cole, M.D.

Assistant Neurologists

John A. Abbott, M.D.
Edward P. Richardson, Jr., M.D.
Maurice Victor, M.D.

Assistants in Neurology

Vincent P. Perlo, M.D.
Ruth E. Stauffer, M.D.
Huntington Porter, M.D.
William H. Timberlake, M.D.

Neurophysiologist

Mary A. B. Brazier, PH.D.

Associate Bacteriologist

Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service

Stanley Cobb, M.D.

Psychiatrists

Lucie J. Jessner, M.D.
Erich Lindemann, M.D.

Associate Psychiatrists

Herbert Barry, Jr., M.D.
Paul M. Howard, M.D.
Alfred O. Ludwig, M.D.

Assistant Psychiatrists

Henry H. Brewster, M.D.
Avery D. Weisman, M.D.
Daniel C. Dawes, M.D.
LeMoyne White, M.D.
Volta R. Hall, M.D.
Vernon P. Williams, M.D.
Elizabeth R. Zetzel, M.D.

Assistants in Psychiatry

Clemens E. Benda, M.D.
Richmond Holder, M.D.
Gaston E. Blom, M.D.
Maria Lorenz, M.D.
Frances J. Bonner, M.D.
John C. Nemiah, M.D.
Franklin Carter, M.D.
Gardner C. Quarton, M.D.
Lincoln D. Clark, M.D.
I. Paley Rak, M.D.
John C. Coolidge, M.D.
Harley C. Shands, M.D.
Abraham L. Finesinger, M.D.
Peter E. Sifneos, M.D.
Jerome L. Weinberger, M.D.

Associate Psychologist
John M. von Felsinger, PH.D.

Assistant Psychologists
Lovick C. Miller, Jr., PH.D.
Richard H. York, PH.D.

Research Assistant in Psychiatry
Paul Johnson, B.A.

CHILDREN'S MEDICAL SERVICE

Chief of Service
Allan M. Butler, M.D.

Physicians to Children's Medical Service
Leo B. Burgin, M.D.
John A. V. Davies, M.D.
*Joseph Garland, M.D.
Ralph A. Ross, M.D.
Clement A. Smith, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service
John D. Crawford, M.D.
Ralph W. Daffinee, M.D.
Arthur J. Linenthal, M.D.
Francis C. McDonald, M.D.
Gertrud C. Reyersbach, M.D.
*Eli C. Romberg, M.D.
Richard C. Tefft, Jr., M.D.
William J. Turtle, M.D.
Louis Weinstein, M.D.

Assistant Physicians to Children's Medical Service
Frederic M. Blodgett, M.D.
T. Berry Brazelton, M.D.
Albert Cohen, M.D.
Charles D. Cook, M.D.
William A. Dickson, M.D.
Edward C. Dyer, M.D.
LeRoy L. Eldredge, Jr., M.D.
Robert N. Ganz, M.D.
Samuel Kaplan, M.D.
Joseph L. Lewis, M.D.
Wilhelmina Van Dyke, M.D.
Eleonore C. Zaudy, M.D.

Assistant to Children's Medical Service
Leslie Corsa, Jr., M.D.

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services
Edward D. Churchill, M.D.

Consulting Visiting Surgeon
**Leland S. McKittrick, M.D.

Visiting Surgeons
Marshall K. Bartlett, M.D.
Oliver Cope, M.D.
Robert R. Linton, M.D.
Leland S. McKittrick, M.D.
Horatio Rogers, M.D.
Richard H. Sweet, M.D.
Grantley W. Taylor, M.D.
Claude E. Welch, M.D.

*Through June 30, 1953
**Effective July 1, 1953

Associate Visiting Surgeons

Bradford Cannon, M.D.
Edward Hamlin, Jr., M.D.
E. Parker Hayden, M.D.
Ira T. Nathanson, M.D.
Richard Warren, M.D.

Assistant Surgeons

Gordon A. Donaldson, M.D.
*Ward I. Gregg, M.D.
*Francis M. Ingersoll, M.D.
John B. McKittrick, M.D.
J. Gordon Scannell, M.D.
*Fred A. Simmons, M.D.
*Howard Ulfelder, M.D.

Assistants in Surgery

Charles B. Burbank, M.D.
F. Thomas Gephart, M.D.
*John B. Graham, M.D.
William V. McDermott, Jr., M.D.
Charles G. Mixter, Jr., M.D.
George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
John W. Raker, M.D.
Grant V. Rodkey, M.D.
Robert S. Shaw, M.D.
William R. Waddell, M.D.
Frank C. Wheelock, Jr., M.D.
Earle W. Wilkins, Jr., M.D.

ANESTHESIA

Chief of Service

Henry K. Beecher, M.D.

Assistant Anesthetists

Bernard D. Briggs, M.D.
John P. Bunker, M.D.
George E. Donaghy, M.D.
Marianne R. Johnson, M.D.
Donald P. Todd, M.D.

Neurophysiologist

Mary A. B. Brazier, PH.D.

Associate Psychologist

John M. von Felsinger, M.D.

ENDOSCOPY

Endoscopist

Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service

Joe V. Meigs, M.D.

Staff by assignment from General Surgery

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*Assigned to Gynecology

NEUROSURGERY

Chief of Service
James C. White, M.D.

Associate Visiting Neurosurgeon
William H. Sweet, M.D.

Assistant Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistant in Neurosurgery
Louis Bakay, M.D.

Research Associate
*Edgar L. Gasteiger, Jr., M.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Visiting Orthopedic Surgeons
Edwin F. Cave, M.D.
Armin Klein, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
Otto E. Aufranc, M.D.
Thornton Brown, M.D.
Robert J. Joplin, M.D.
Eugene E. Record, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery
Thomas F. Broderick, Jr., M.D.
William N. Jones, M.D.
Louis Nathan, M.D.

UROLOGY

Chief of Service
*Fletcher H. Colby, M.D.

Associate Visiting Urologists
Sylvester B. Kelley, M.D.
Howard I. Suby, M.D.

Assistant Urologists
Walter S. Kerr, Jr., M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology
Saul M. Marcus, M.D.
Channing S. Swan, M.D.

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*Through June 30, 1953

OBSTETRICS

Obstetrician

Judson A. Smith, M.D.

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
G. Douglas Krumbhaar, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.

Dental Surgeons

Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
George Christman, D.M.D.
William L. Cosgrove, D.M.D.
Charles W. Crowley, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Burton J. Gove, D.M.D.
Gilman W. Haven, D.D.S.
Henry D. Howe, D.M.D.
Frederick H. Kalil, D.M.D.
Owen W. Kite, D.D.S.
Julius J. Levitan, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Howard C. Reith, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
Herman B. F. Seyfarth, D.M.D.
Keith A. Shangraw, D.M.D.
Edward L. Sleeper, D.D.S.
George H. Sweetnam, D.M.D.
Ralph D. Thompson, D.M.D.
Earl J. Waddington, D.M.D.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Acting Chief of Department
Benjamin Castleman, M.D.

Assistant Pathologists
Robert H. Fennell, Jr., M.D.
David Kahn, M.D.
Winfield S. Morgan, M.D.
*Robert E. Scully, M.D.
Edgar B. Taft, M.D.
*Austin L. Vickery, Jr., M.D.

Associate Visiting Pathologist
Ronald C. Sniffen, M.D.

Neuropathologist
Raymond D. Adams, M.D.

Assistant Neuropathologist
Edward P. Richardson, Jr., M.D.

Clinical Pathologist
Francis T. Hunter, M.D.

Clinical Cytologist
Ruth M. Graham, B.S.

Consultant in Neuropathology
Charles S. Kubik, M.D.

Consultants in Forensic Pathology
William J. Brickley, M.D.
Michael A. Luongo, M.D.

BACTERIOLOGY

Chief of Department
Thomas F. Paine, Jr., M.D.

Assistant Bacteriologist
Lawrence J. Kunz, PH.D.

Consulting Bacteriologist
Louis L. Dienes, M.D.

RESEARCH CHEMISTRY

Biochemist
Fritz Lipmann, M.D.

Associate Biochemist
G. David Novelli, PH.D.

Assistant Biochemists
John D. Gregory, PH.D.
Paul A. Srere, PH.D.

*On leave of absence with Armed Forces

Assistant in Research Biophysics
Charles V. Robinson, M.D.

RADIOLOGY

Chief of Department
Laurence L. Robbins, M.D.

Radiologists
Milford D. Schulz, M.D. Stanley M. Wyman, M.D.

Associate Radiologist
Joseph Hanelin, M.D.

Assistant Radiologists
John F. Gibbons, M.D. *Richard V. Wilson, M.D.

Engineer
Oliver E. Merrill, B.E.E.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

Assistant in Physical Medicine
William J. Shriber, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Contagious Diseases
Edwin H. Place, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

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*Beginning 7.1.53

Consultant in Traumatic Conditions
Augustus Thorndike, M.D.

Consultant in Medicine
Conrad Wesselhoeft, M.D.

Consultants to the Children's Medical Service
William Berenberg, M.D. Stewart H. Clifford, M.D.
Louis K. Diamond, M.D.

Consultant in Anatomy
Robert M. Green. M.D.

Consultants in Physics
Robley D. Evans, PH.D. John G. Trump, D.SC.

Consultant in Neuropathology
Charles S. Kubik, M.D.

Consultant in Neurophysiology
Alexander Forbes, M.D.

Consulting Bacteriologist
Louis Dienes, M.D.

ASSOCIATE STAFF

Clinical Associates in Medicine

Theodore L. Badger, M.D.
Alfred L. Duncombe, M.D.
John R. Graham, M.D.
Richard B. King, M.D.
David Littmann, M.D.
Sylvester McGinn, M.D.
Frederic B. Mayo, M.D.
Henry D. Stebbins, M.D.
Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.

Clinical Associates in Children's Medicine

John G. Flynn, M.D.
Theodore S. Golden, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Marion L. Slemons, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Psychiatry

Morris H. Adler, M.D.
Jay L. Hoffman, M.D.
Elliott H. Sweetser, M.D.
Jackson M. Thomas, M.D.

Clinical Associates in Surgery

Franklin G. Balch, Jr., M.D.
Richard W. Dwight, M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
Stephen G. Jones, M.D.
Roy E. Mabrey, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Spiros P. Sarris, M.D.
Lamar Soutter, M.D.
George S. Speare, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Richard H. Wallace, M.D.
Richard C. Webster, Jr., M.D.

Clinical Associates in Neurosurgery

Hannibal Hamlin, M.D.
Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associates in Urology

Emil J. Ganem, M.D.
Wyland F. Leadbetter, M.D.

Clinical Associates in Radiology

*Richard Dresser, M.D.
H. Peter Mueller, M.D.
Richard Schatzki, M.D.
Robert G. Vance, M.D.

Clinical Associates in Dentistry

David D. Bloom, D.M.D.
Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.M.D.

CLINICAL ASSISTANTS

Medicine

Winifred P. Chase, M.D.
William B. Clapp, M.D.
Richard R. Evans, M.D.
Irving H. Itkin, M.D.
Raymond J. Savignac, M.D.
Frank A. Warner, M.D.
Marvin M. Wasserman, M.D.
Gordon D. Winchell, M.D.

Dermatology

Lester J. Bienvenu, M.D.
Clito R. Damiani, M.D.
John J. D'Urso, M.D.
John L. Fromer, M.D.

Psychiatry

Jonathan B. Gill, M.D.
Charles W. Wahl, M.D.

Surgery

Glenn E. Behringer, M.D.
John R. Brooks, M.D.
Chester J. Dexter, M.D.
James M. Doonan, M.D.
Eugene Guralnick, M.D.
Alfred T. Joseph, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Charles V. Menendez, M.D.
Leon G. Michell, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Joseph E. Murray, M.D.
Rosemary T. Nelson, M.D.
Aram Roopenian, M.D.
Clarke Staples, M.D.
Melvin L. Taymor, M.D.

Urology

Germain J. Bouchard, M.D.
James H. Kelleher, M.D.
George J. Warren, M.D.

Orthopedic Surgery

John D. Leidholt, M.D.
Morten Smith-Petersen, M.D.

Radiology

Anne R. O'Donnell, M.D.

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*Through June 30, 1953

HOUSE STAFF

Residents and Interns

As of January 1, 1953, with subsequent appointments

Medicine

Chief Resident: Morton N. Swartz, M.D.

Residents:

Leonard W. Cronkhite, Jr., M.D.
Richard A. Field, M.D.
Arthur Haut, M.D.
Kurt J. Isselbacher, M.D.
Leonard Laster, M.D.
Joseph Stokes, III, M.D.—July 1
James B. Field, M.D.—July 1
John H. Knowles, M.D.—July 1
Stephen M. Krane, M.D.—July 1

Assistant Residents:

James B. Field, M.D.
Gerald S. Foster, M.D.
John H. Knowles, M.D.
Stephen M. Krane, M.D.
John C. Rowe, M.D.
Madan M. Singh, M.D.
William A. Tisdale, M.D.
Alex F. Müller, M.D.
Avrum B. Organick, M.D.
Elbert P. Tuttle, M.D.
John T. Binion, M.D.—July 1
Beverly W. Cobbs, Jr., M.D.-July 1
Herschel D. Collins, M.D.—July 1
Parker Heath, Jr., M.D.—May 1
William L. Morgan, Jr., M.D. —July 1
James A. Pittman, Jr., M.D.-July 1
Kenneth J. Ryan, M.D.—July 1
John B. Thomas, M.D.—July 1
Yang Wang, M.D.—July 1

Interns:

John T. Binion, M.D.
Beverly W. Cobbs, Jr., M.D.
Herschel D. Collins, M.D.
Garth R. Drewry, M.D.
Hugh R. Dudley, Jr., M.D.
Patricia A. McIntyre, M.D.
William L. Morgan, Jr., M.D.
James A. Pittman, Jr., M.D.
Howard Rasmussen, M.D.
Kenneth J. Ryan, M.D.
John B. Thomas, M.D.
Yang Wang, M.D.

July 1

Charles G. Barnett, M.D.
Zanvil A. Cohn, M.D.
Daniel D. Federman, M.D.
Howard S. Frazier, M.D.
Lamont W. Gaston, M.D.
David J. L. Luck, M.D.
Robert F. Moore, M.D.
Stuart H. Mudd, M.D.
Joseph R. Petranek, M.D.
Harvey D. Rothberg, Jr., M.D.
Jan Wolff, M.D.
Donald N. Wysham, M.D.

Dermatology

Resident: Leon Reznick, M.D.

Assistant Residents:

Fa-Chi Dunn, M.D.
Howard S. Yaffee, M.D.
George F. Odland, M.D.—July 1
Desire J. A. Rebello, M.D.—July 1

Neurology

Resident:

Rhett Talbert, M.D.

Assistant Residents:

Clare K. Marshall, M.D.

Pierre M. Dreyfus, M.D.—July 1

Psychiatry

Resident:

Freddy H. Frankel, M.D.

Robert B. Sloane, M.D.—Apr. 1

Assistant Residents:

Robert B. Sloane, M.D.

Ruth S. Weiss, M.D.—Apr. 1

Earl M. Wedrow, M.D.

Norman R. Bernstein, M.D.-July 1

Frederick E. Whiskin, M.D.—July 1

Children's Medical

Resident:

Robert T. Sceery, M.D.

Stanley Berlow, M.D.—July 1

Assistant Residents:

Joseph L. Braudo, M.D.

Edgar J. Schoen, M.D.—Feb. 1

Lawrence J. Essember, M.D.

Samuel L. Katz, M.D.—July 1

Thomas Frank, M.D.

William D. Cochran, M.D.-July 1

Thomas C. Peebles, M.D.

George M. Perrin, M.D.—July 1

Richard H. Watson, M.D.

Robert B. Rosen, M.D.—July 1

Elizabeth H. Sprague, M.D.—July 1

Interns:

Susanne J. Lamdin, M.D.

Robert B. Rosen, M.D.

George M. Perrin, M.D.

Alfred L. Skinner, Jr., M.D.

John S. Robey, M.D.

Elizabeth H. Sprague, M.D.

July 1

Ralph C. Darling, Jr., M.D.

Savitri Ramcharan, M.D.

Robert B. Kearsley, M.D.

Jane S. Rasmussen, M.D.

John F. Radebaugh, M.D.

Jack H. Rubenstein, M.D.

Henry F. Zartman, M.D.

Surgery

Residents:

Ernest S. Crawford, M.D.

William P. J. Peete, M.D.

First Assistant Residents:

George R. Burland, M.D.

George S. Richardson, M.D.

Thomas H. Green, Jr., M.D.

James M. Shannon, M.D.

Talmage W. Nielsen, M.D.

Clifford J. Straehley, Jr., M.D.

Weldon W. West, M.D.

Second Assistant Residents:

Richard C. Austin, M.D.

Sigurd B. Gundersen, Jr., M.D.

Robert C. Coe, M.D.

Federico Mora, M.D.

Richard A. Currie, M.D.

David B. Sheldon, M.D.

Frank W. Garran, Jr., M.D.

Eji Suyama, M.D.

Melvin J. Glimcher, M.D.

Robert H. Walker, M.D.

Third Assistant Residents:

John F. Burke, M.D.
Edward Dunn, M.D.
Walter M. Haynes, M.D.
Clement A. Hiebert, M.D.
Richard N. Kleaveland, M.D.
Frederick G. Shaffer, M.D.
Jack E. Tetirick, M.D.

Interns:

John D. Constable, M.D.
Richard R. Curtin, M.D.
Ira A. Ferguson, Jr., M.D.
Donald J. Glotzer, M.D.
William H. Hendren, III, M.D.
Charles E. Huggins, M.D.
Benjamin B. Jackson, M.D.
John A. Malcolm, M.D.

July 1

Edwin L. Carter, M.D.
Harry B. Ditmore, Jr., M.D.
Edward L. Ferguson, M.D.
John A. Mannick, M.D.
Harold L. May, M.D.
Jens G. Rosenkrantz, M.D.
Edwin W. Salzman, M.D.
George D. Zuidema, M.D.

Neurosurgery

Resident: Samuel Brendler, M.D.

Assistant Residents:

Robert W. Mackie, M.D.
Bernard B. Stone, M.D.
Leland Brannon, M.D.—July 1

Anesthesia

Resident: Phillips Hallowell, M.D.

Assistant Residents:

Dulcie E. Blunden-Morris, M.D.
Betty S. M. Eo-yang, M.D.
James P. Hepburn, M.D.
Louis F. Johnson, M.D.
Elizabeth A. Koppel, M.D.—Mar. 1
Betsy A. Ledbetter, M.D.—July 1
Louis W. Lewis, M.D.
Raymond D. Sphire, M.D.—July 1
John B. Stetson, M.D.
Jacob Stovner, M.D.

Orthopedics

Resident: Joseph B. Tanner, M.D.

Assistant Residents:

Henry H. Banks, M.D.
Thomas F. DeLorme, M.D.
Richard H. Eppright, M.D.
Robert G. Greene, M.D.
William L. Kermond, M.D.-July 1
J. Drennan Lowell, M.D.
Harrison O'Connor, M.D.
Stanley Sober, M.D.
Elliott B. Sweet, M.D.—July 1

Urology

Resident: Thomas J. Mathieu, M.D.

Pathology

Resident: Richard B. Cohen, M.D.

Assistant Residents:

Leonard Atkins, M.D.
Roy L. Byrnes, M.D.
Si-Chun Ming, M.D.
Alexander C. Ritchie, M.D.

Fairfield Goodale, Jr., M.D.
Hanna Klaus, M.D.
Raymond A. Justi, M.D.
Harry W. Rudel, M.D.
Charles R. Campbell, M.D.—July 1
Hugh R. Dudley, M.D.—July 1
Remedios K. Rosales, M.D.—July 1

Neuropathology

Resident: Lawrence J. Barrows, M.D.

Assistant Resident: Betty Q. Banker, M.D.—July 1

Radiology

Resident: Alexander S. Macmillan, Jr., M.D.

Assistant Residents:
Wilma J. Canada, M.D.
Martin B. Levene, M.D.
Paul M. G. St. Aubin, M.D.
John B. Tallon, M.D.
Frederick S. Tomchik, M.D.
James A. Peterson, M.D.—July 1

Dental

Interns:
Robert C. Lincoln, D.M.D.
James P. Ryan, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Luis I. Arias, M.D.
James H. Averill, M.D.
William H. Baker, M.D.
John A. Benson, Jr., M.D.
John S. Bray, M.D.
Jacques Y. Chatillon, M.D.
Louise Stone Clark, M.D.
Mandel Cohen, M.D.
Javier Correa, M.D.
John Denovian, M.D.
Allan St. John Dixon, M.D.
Donald S. Fredrickson, M.D.
John G. Freymann, M.D.
Joseph W. Gardella, M.D.
Thomas C. Hall, M.D.
Philip H. Henneman, M.D.
John W. Irwin, M.D.
Elizabeth B. Keller, M.D.
John W. Keller, M.D.
Henry M. Lloyd, M.D.
Alden V. Loud, M.D.
Jorge M. Martin, M.D.
Mary N. McGovern, PH.D.
Donald M. Mitchell, M.D.
Marc P. Moldawer, M.D.
Patrick A. Ongley, M.D.
William R. Owen, M.D.
Maurice M. Pechet, M.D.
Stuart Ragland, Jr., M.D.
Savitri Ramcharan, M.D.
Roberto F. Santos, M.D.
Albert Schilling, M.D.
William D. Sohier, Jr., M.D.
Leonard B. Spector, PH.D.
Pierre J. Stoffyn, PH.D.
Helen Thomopoulo, M.D.
Firmin E. Vansteenhuyse, M.D.
Joseph E. Warren, M.D.
Oliver M. Wrong, M.D.

Dermatology

Paul P. Harasemowicz, M.D.
David V. Mann, M.D.
Myron H. Matz, M.D.
James F. Patterson, M.D.
George F. Odland, M.D.
Peter A. J. Smith, M.D.

Psychiatry

Hermann H. W. Baumann, M.D.
Leon O. Brenner, B.A.
Morris E. Chafetz, M.D.
Chester C. d'Autremont, M.D.
William C. Doust, M.D.
Abraham Fineman, M.D.
Thomas H. Gilmore, M.D.
Sigmund Gruber, M.D.
Harold J. Harris, M.D.
Robert Kagan, M.D.
John H. Lamont, M.D.
Philip M. Margolis, M.D.
Leon W. Miller, M.D.
Paul H. Painter, M.D.
Gershen Rosenblum, M.A.

Children's Medical Service

Ellen Bell, M.D.
Alice N. Bessman, M.D.
Donald Gribetz, M.D.
Hans G. Keitel, M.D.
Leslie Corsa, Jr., M.D.
Gerald A. Kerrigan, M.D.

Physical Medicine

Bernard J. Doyle, M.D.
Wesley G. Woll, M.D.

Neurology

Lawrence J. Barrows, M.D.
Carl F. Essig, Jr., M.D.
Remedios K. Rosales, M.D.
Mary L. Scholl, M.D.

Surgery

Ismail El-Sebai, M.D.
Joseph Hofman, M.D.
Winifred Liu, M.D.
Charles L. Minor, M.D.
Athol G. Riddell, M.D.
Anne Wight, M.D.

Neurosurgery

Leland C. Brannon, M.D.
Teruyoshi Hashiba, M.D.
Theodore F. Hueter, PH.D.
Herbert Locksley, M.D.
William M. Lougheed, M.D.
Vernon H. Mark, M.D.

Anesthesia

William R. Brewster, Jr., M.D.
Jean P. Gauthier-Lafaye, M.D.
Joachim S. Gravenstein, M.D.
Louis C. Lasagna, M.D.
J. Bertil Löfström, M.D.
John F. Muxworthy, Jr., M.D.
Nils Normann, M.D.
Traute Richter, M.D.
Kurt F. Schmidt, M.D.
Thorkild Waino-Andersen, M.D.

Pathology

Agnes Burt, M.D.
Robert M. O'Neal, M.D.
Wilbur A. Thomas, M.D.
Carlos Valenzuela Tejada, M.D.

Neuropathology

Philip R. Dodge, M.D.

Radiology

André d'Etchéverry, M.D.
Rodney H. Foss, M.D.
William D. Nichol, M.D.
Burton C. Prior, M.D.
Julio Toriello, M.D.
Armani Trepanier, M.D.
Chiu-chen Wang, M.D.

Biochemistry

Samuel P. Bessman, M.D.
Arnold F. Brodie, PH.D.
Mahlon B. Hoagland, M.D.
Frederic L. Hoch, M.D.
William P. Jencks, M.D.
Mary E. Jones, PH.D.
Werner K. Maas. PH.D.
Ernst Simon, PH.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 168.

The Ophthalmological and Oto-Laryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE & EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

Benjamin Sachs, M.D.
Paul A. Chandler, M.D.
William P. Beetham, M.D.
Virgil G. Gasten, M.D.
Tyrgve Gundersen, M.D.
Merrill J. King, M.D.

Director of Pathology Laboratory

Parker Heath, M.D.

Associate Surgeons in Ophthalmology

David G. Cogan, M.D.
Brendan D. Leahey, M.D.
Hugh C. Donahue, M.D.
Mahlon T. Easton, M.D.

Assistant Surgeons in Ophthalmology

Harry E. Braconier, M.D.
Thomas Cavanaugh, M.D.
A. William Collinson, M.D.
Edward E. Covitz, M.D.
Paul G. Haire, M.D.
Carl C. Johnson, M.D.
Sumner D. Liebman, M.D.
S. Forrest Martin, M.D.
Henry A. Mosher, M.D.
Abraham Pollen, M.D.
Karl Riemer, M.D.
Earl S. Seale, M.D.
Albert E. Sloane, M.D.
Garrett L. Sullivan, M.D.

Assistants in Ophthalmology

Henry F. Allen, M.D.
Robert Alpert, M.D.
Frederic B. Breed, M.D.
Julian F. Chisholm, Jr., M.D.
Joseph M. Clough, M.D.
Thomas P. Cronin, M.D.
Edwin B. Goodall, M.D.
W. Morton Grant, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.
Joseph J. Lo-Presti, M.D.
Charles H. MacLaughlin, M.D.
Irwin T. Mancall, M.D.
Arthur M. Morrissey, M.D.
Ichiro D. Okamura, M.D.
Richard B. Pippitt, M.D.
Paul M. Runge, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Francis J. West, M.D.
M. Wayne Woodard, M.D.

Consulting Surgeons in Ophthalmology

Peter H. Thompson, M.D.
Hugo B. C. Riemer, M.D.
Edmund W. Clap, M.D.
Samuel H. Wilkins, M.D.

J. Herbert Waite, M.D. Fred S. Thorne, M.D.
Ralph H. Ruggles, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology
LeRoy A. Schall, M.D.

Surgeons in Otolaryngology
Philip E. Meltzer, M.D. Francis L. Weille, M.D.
Moses H. Lurie, M.D. Charles I. Johnson, M.D.
Robert L. Goodale, M.D. Maurice G. Evans, M.D.
Vincent J. Kelley, M.D.

Surgeon for Bronchoscopy and Esophagoscopy
John R. Richardson, M.D.

Surgeon for Tumor Clinic
Carl H. Ernlund, M.D.

Surgeon for Plastic Operations
Edgar M. Holmes, M.D.

Director of the Mosher Laboratory
Werner Mueller, M.D.

Associate Surgeons in Otolaryngology
Charles H. Allman, M.D. Joseph Lentine, M.D.
Walter J. E Carroll, M.D. Burton E. Lovesey, M.D.
John R. Frazee, M.D. J. Charles Drooker, M.D.

Assistant Surgeons in Otolaryngology
Calvin M. Cerrato, M.D. John E. McKeigue, M.D.
Elizabeth DeBlois, M.D. Daniel Miller, M.D.
George Kelemen, M.D. Aram Roopenian, M.D.
Charles Kent, M.D. Maurice Ruben, M.D.
Edward F. Lawlor, M.D. Frank R. Shlossberg, M.D.
Donald K. Lewis, M.D. Herman J. Sternstein, M.D.
Bernard Zonderman, M.D.

Assistants in Otolaryngology
Herbert J. Dietrich, M.D. George F. Reed, M.D.
Alfred T. Joseph, M.D. Alphonse L. Senecal, M.D.
Kenneth A. Kazanjian, M.D. Morris Swartz, M.D.
Joseph P. McEneaney, M.D. John C. Trakas, M.D.
Frederic J. McIntire, Jr., M.D. Richard C. Webster, M.D.

Assistant for Bronchoscopy and Esophagoscopy
Edward B. Benedict, M.D.

Consulting Surgeons in Otolaryngology
Joseph L. Goodale, M.D. George H. Poirier, M.D.
D. Harold Walker, M.D. Edwards W. Herman, M.D.
Frederick E. Garland, M.D. Varaztad H. Kazanjian, M.D.
Frederick L. Bogan, M.D. Harold H. Tobey, M.D.
Harry A. Barnes, M.D. Gustave B. Fred, M.D.
Harris P. Mosher, M.D. Philip Mysel, M.D.
Leon E. White, M.D. Josiah E. Quincy, M.D.
Lyman G. Richards, M.D.

One Hundred and Thirty-Ninth Annual Report of the Trustees

THE past year was one of continued progress in the long life of the Hospital with its ever expanding activities and the maintenance of its high standards of hospital service and scientific investigations.

The building program continues in conformity with the ten-year program begun a few years ago. A new incinerator was installed at a cost of $41,318 which should amply care for future needs of the Hospital. A protective layer of lead was added to the 200 K.V. x-ray therapy room. The much needed addition to the laboratory in the Vincent building has been completed. Alterations of old ward 4, the "Mallinckrodt Ward" were completed an an addition of the seventh floor of the Vincent-Burnham building was completed at a combined cost of $82,000. Plans for a new front entrance to the new White building are now under consideration.

A much needed space for parking will shortly be available on the new Charles Street Embankment, through the courtesy of the Metropolitan District Commission.

Plans are being considered for the new Pathology building and solicitation of funds was begun in December. The present laboratories were first occupied in 1895 when the capacity of the Hospital was only 250 beds. Functioning for over one-half a century in limited and now antiquated quarters, we are greatly indebted to the personnel who have carried on their duties with self-sacrificing devotion to the Hospital all these years. The late Dr. Tracy B. Mallory, the present acting director, Dr. Benjamin Castleman, and the staff, have, in addition to the heavy load of processing the 10,000 odd surgical specimens per year, carried on their many research problems. Today, in modernly constructed hospitals, the pathological laboratory occupies a central place as the hub around which revolves the clinical and scientific activities of the institution. There is a great need for pathologists throughout the medical world, and in new quarters we will

be able to train a goodly quota of young pathologists for these positions.

The departments of Pathology and Bacteriology have been made separate entities and on July 1, Dr. Thomas F. Paine, Jr., associated with the latter department, was made chief of the Department of Bacteriology.

During 1952 the Trustees approved changing the fiscal year of the Hospital and the McLean from the calendar year to a year ending September 30. This was done at the instigation of the United Community Services for the purpose of unifying the accounting period of all hospitals in the metropolitan area. As a result of this action, the Treasurer's report for 1952 covered a nine-month period in which period the General Hospital suffered a loss of $88,348.81 and McLean a loss of $35,014.08.

Two Richardson lectures at the Hospital were delivered during the past year. On January 21 the lecture was by Dr. Frank G. Young, Professor of Biochemistry at the University of Cambridge, England, on "The Anterior Pituitary Gland and Diabetes Mellitus." The second lecture, on September 18, was delivered by Sir Cecil Wakely, President of the Royal College of Surgeons, on "Hernia of the Bladder."

Ether day, October 16, was again celebrated by the awarding of service pins to the employees. For the first time pins were awarded to employees for five years of service, and, also for the first time, to the doctors who had served twenty-five or more continuous years on the active staff. These innovations were especially appreciated by these two groups. Sixteen physicians received the 25-year pin and one, Dr. Joseph V. Meigs, had the signal honor of wearing a pin awarded for thirty years of service to the Hospital.

The cornerstone was laid for the new nurses' residence to be known as the John Bartlett Memorial Nurses' Home. On completion we expect the new residence will attract an adequate number of prospective students for the training school.

Five tuition scholarships for $300 each were arranged for in the School of Nursing.

The annual meeting of the Scientific Advisory Committee was held on December 12 and 13. This annual event gives the committee an opportunity for a general review of the scientific

program for the year and of the plans for the coming years. We are indeed grateful for the valuable services rendered to the Hospital by these distinguished scientists. The Committee, composed of Dr. A. Baird Hastings of the Harvard Medical School, Dr. Robert F. Loeb of Columbia University, Linus Pauling, Ph.D., of the California Institute of Technology, Lowell J. Reed, Sc.D., of Johns Hopkins University, Dr. Herbert S. Gasser of the Rockefeller Institute, and Karl T. Compton, Sc.D., of the Massachusetts Institute of Technology, have functioned since 1947.

The annual dinner meeting of the Corporation brought out the largest attendance to date. A skit, in which our General Director, Dr. Dean Clark, appeared in the role of a patient depicting his experiences from entrance to discharge from the hospital was enjoyed by all. A very interesting graphic summation of the activities of the institution was most enlightening to those attending the dinner. We are very grateful to the 550 volunteers who give of their time and their efforts for the betterment of service to those who enter our portals for relief of their illnesses.

A program for the reorganization of the Out-Patient Department for the care and treatment of ambulatory patients is now under study. The plan calls for changes in the physical setup necessary to facilitate the movement of patients to their respective departments. It is planned to have a full-time resident director to be attached initially to the Medical Service.

We are pleased to announce that our General Director, Dr. Dean A. Clark, served on the President's Commission on the Health Needs of the Nation. This Commission of fifteen members was appointed by the President on December 29, 1951, and rendered its report on December 18, 1952.

The past year represented the one hundred and forty-first year since the charter was granted for the founding of the McLean Hospital. Although there was a larger income for the year, the heavy cost of repairs and the increase in general expenses resulted in a deficit for the year.

Dr. Edward D. Churchill delivered the address to the graduating class of twelve nurses. A similar number of student nurses were accepted into the School of Nursing. Regular serv-

ices for those of the Catholic faith were instituted with the help of the Order of Stigmatine Fathers.

A very favorable report was given the Hospital following a thorough inspection in the spring by the State Department of Mental Health.

FRANCIS P. MCCARTHY, M.D.
FRANCIS O. SCHMITT, PH.D.

Report of the General Director

IN 1952 the Massachusetts General Hospital admitted 20,799 patients to its beds, including those of the affiliated Vincent Memorial Hospital, and 14,307 new patients to its ambulatory clinic. All in all, the hospital provided 235,225 patient days of bed care and 117,657 visits of ambulatory patients. Through the use of endowment income and generous gifts from the United Community Services and individuals, it was possible for the equivalent of 42,000 of these patient days of care to be provided free of charge. These services were furnished in the face of a severe shortage of nurses and other personnel. It would not have been possible without the work of our 465 volunteers who performed 42,938 hours of work. It was greatly assisted, too, by our nurse-intern arrangement through which student nurses, after 28 months of formal instruction, immediately begin continuous, paid service as staff nurses—thereby shortening the traditional curriculum by 8 months. Including medical staff, nurses, employees, students, fellows, and volunteers, nearly 4,000 people take part in the care of patients, education and research at the Massachusetts General Hospital. In the next year or two it is hoped to improve the care of patients at the Massachusetts General Hospital by three moves: reorganization of the Out-Patient Department into an Ambulatory Clinic with comprehensive, unified, and personal service for all patients; extension of ambulatory care to patients of all income groups through an appropriate staff organization; development of a Family Health Service for the people of our neighborhood so that they may receive complete preventive, as well as curative, medicine at the hospital or at home. Space to house these new functions will be difficult to find on our present property and, for that reason, hope is high that some portion, at least, of the land now occupied by the Suffolk County Jail may be acquired.

To accomplish its mission, the hospital needs an adequate physical plant and surroundings. This year the new nurses' residence, Bartlett Hall, has been almost completed at a cost of $1,000,000. Made possible in large part through the bequest of Mrs. Mary Bartlett Noyes, a descendent of the Reverend

John Bartlett who, in 1810, first saw the need for a general hospital in Boston, it will house 155 student and graduate nurses.

Mallinckrodt Ward 4, for metabolic research, was completely renovated and modernized, through a generous additional gift from Mr. Edward Mallinckrodt. With the assistance of grants from the Godfrey M. Hymans Trust, an additional floor was added to the Vincent-Burnham building to house our growing work in Child Psychiatry, and valuable increased space was made possible for the Vincent Laboratory. Plans were advanced for the construction of a new Pathology Laboratory. Other construction is planned for the next eight to ten years—new quarters for house officers, an auditorium, maintenance shops, an ambulatory clinic, and a nurses' training school being among the most important.

One of the most troublesome and serious problems of the Massachusetts General Hospital is that of parking. During 1952 arrangements were made with the Metropolitan District Commission to obtain for the hospital, together with the Massachusetts Eye and Ear Infirmary and the Suffolk County Jail, use of the new parking space almost completed on the West side of Charles Street under the road overpasses recently constructed. More parking space also will soon be provided by the demolition of some of the old stables and residences on hospital property. It will then be possible again to close the Bulfinch yard to parking and restore its beauty.

The hospital's educational activities continued to flourish in 1952. Besides the major function of collaborating with Harvard in the teaching of undergraduate medical students, the hospital engages in formal programs of education for house officers, fellows, and other postgraduate medical students; collegiate (in association with Radcliffe College and Simmons College); diploma, and postgraduate (in association with Boston University) education for registered nurses and, in association with the Household Nursing Association, of practical nurses; medical social workers (with Simmons); physical therapists (with Simmons); occupational therapists (with Boston School of Occupational Therapy); medical record librarians (with Simmons); dieticians; medical artists; and theological

students interested in pastoral care of the sick. Boston is also prominent in medical postgraduate education, as evidenced by the fact that 25 percent of the 1200 physicians pursuing graduate training in the United States are associated with Harvard. Of these 150 are at the Massachusetts General Hospital.

Many times we have been asked whether patients pay for research in their hospital bills. So far as it is possible to separate research costs from those of patient care, our accounting system does it. Indeed, one of the most important things that occurred at the Massachusetts General Hospital in 1952 was the fulfillment of a long effort to develop an accurate system of cost accounting. This has made it possible for the first time to separate the true costs of research, including indirect costs, from the costs of patient care. We have found that many research projects are not yet paying their way in full and several meetings with government officials were held during the year in an effort to obtain research grants that more nearly pay for their true cost than is now the case. This would materially improve our finances. To help solve this problem the hospital is planning a campaign in 1953 for a fund specifically for the purpose of endowing some of the costs of education and research.

Another great drain on hospital finances is the failure of Public Welfare agencies to pay the full cost of the care of recipients of public assistance admitted to the hospital. In 1952 this underpayment amounted to $180,726.80 for the Massachusetts General Hospital alone. It is hoped that the legislature will correct this unfortunate situation during the coming year so that patients who can pay for their own care will no longer be obliged to pay part of the cost of the care of patients who are the legal charges of public agencies.

Research activities continued actively in 1952, particularly in the field of chronic disease, notably heart disease, cancer, arthritis, and mental disturbances. Altogether, $1,870,000 was spent on research during the year from outside funds made available for the purpose. The Scientific Advisory Committee, under the chairmanship of Dr. Herbert S. Gasser, Director of the Rockefeller Institute for Medical Research, met in December and reviewed our research program. This Committee has been enormously helpful for more than six years in stimulating

and guiding our research work. One of the most important results of the Committee's efforts was the establishment during 1952 of a rank-scale of titles at the hospital for non-clinical investigators giving them, for the first time, a status in every way comparable to that of the medical staff.

Richardson lectures were given during the year by Dr. Frank G. Young, Professor of Biochemistry, Cambridge University, and by Sir Cecil Wakeley, President, Royal College of Surgeons, England.

Dr. Louis Dienes retired July 1 after twenty-two years as Bacteriologist, but will remain available to the hospital as a consultant. He was succeeded by Dr. Thomas F. Paine, Jr. who has been made Chief of the Department of Bacteriology. Associated with Dr. Paine is Lawrence J. Kunz, Ph.D.

Dr. Charles L. Clay was given a permanent appointment as Assistant Director. Dr. Ellsworth T. Neumann was appointed Executive Officer, and Henry J. Murphy and Edmund J. Mattos were appointed Assistant Directors.

For the first time service pins were presented to doctors on the active staff who had served for twenty-five or more years. Sixteen doctors received the 25-year pin and one, Dr. Joe V. Meigs, a pin for thirty years of active service.

Two appointments without limit of time were given by the Harvard Medical School to members of the hospital's staff: Dr. Paul C. M. Zamecnik as Associate Professor of Medicine and Dr. Nathan B. Talbot as Associate Professor of Pediatrics, both "at the Massachusetts General Hospital" (Hospital full-time).

During the year 122 Research or Clinical Fellows were in training at the hospital, coming from twelve states and thirty-four countries outside of the United States.

It is with sorrow we record the following deaths during the year 1952:

Dr. Richard H. Miller on June 3. He was a graduate of the East Surgical Service and served as a member of the staff, through the grades of Assistant Visiting Surgeon, Associate Surgeon and Visiting Surgeon, until 1940 when he was appointed to the Board of Consultation.

Dr. Lincoln Davis on July 29. Dr. Davis was a graduate of the East Surgical Service in 1899 and was appointed a member of the Staff in June 1903, serving continuously to January 4, 1929 when he was appointed Chief of the East Surgical Service. Dr. Davis held this position until he reached the retiring age, when he was appointed to the Board of Consultation. During the war years he returned for service in the Surgical Out-Patient Department and on December 13, 1946 was appointed Honorary Surgeon.

Dr. Henry D. Lloyd on November 3. Dr. Lloyd was first appointed to the staff in December, 1923 and was made Chief of the Venereal Department in June 1926. He was appointed to the Board of Consultation in July 1929.

Dr. Charles E. Wells on November 13. Dr. Wells served as Assistant Director in charge of the Out-Patient Department from 1914 through 1928. In later years he served as an Assistant in the Dermatology Clinic, from July 1942 through February 1946.

The following members left the staff during the year:

Dr. Maurice Fremont-Smith, who had been a member of the active staff since 1922, reached the retiring age and was appointed to the Board of Consultation on July 1.

Dr. William A. Rogers, Visiting Orthopedic Surgeon, retired on December 1. He had been a member of the active staff since October 1924, and has now become a member of the Board of Consultation.

Dr. Lamar Soutter, a member of the active staff since 1942, resigned on November 1 his position of Assistant Surgeon and Director of the Blood Bank, to accept an appointment on the Staff of the Massachusetts Memorial Hospitals. He will continue his connection with us as a Clinical Associate in Surgery.

Dr. James J. McCort, Associate Radiologist, resigned on August 31. He had been associated with the hospital since October 1943.

DEAN A. CLARK, M.D.
General Director

Annual Report of
The General Executive Committees
1952

THE year 1952 has seen progress in many fields as concrete moves have been made to meet some of the problems currently facing the Hospital and its Staff.

The new nurses' residence, Bartlett Hall, is nearing completion. Incorporating the best of modern architectural design, it provides not only most attractive living quarters, but convenient housekeeping and laundry facilities. There is a spacious living room on the ground floor, and on the top floor there are sun porches and a recreation room equipped with radio and television, and large enough for informal dances. To be used for students and graduates, Bartlett Hall will go far toward relieving the existing shortage of adequate living quarters for our nurses.

Major steps have been taken to cope with the long standing and steadily increasing problem of automobile parking. The Trustees have purchased the Cambridge Street Garage, with a capacity for accommodating 250 cars. Its operation continues, up to the present time, under the former management, with space provided for the care of the resident staff and, to a limited extent, employees and staff. There is, however, space for many more cars that can be made available as the program develops. Through the courtesy of the Metropolitan District Commission, the new parking areas adjacent to the Charles Street traffic circle will be made available to the Hospital for daytime parking. These areas will accommodate 200 cars and will be shared with the Massachusetts Eye and Ear Infirmary. They should be available sometime early in 1953 and will be used by the staff for parking, as well as by visitors coming to the Hospital. Further expansion of the parking area on North Grove Street is planned, and this, together with the other improvements mentioned, should allow easy and convenient park-

ing, not only for the staff, but for patients and their visitors as well. A substantial improvement in the existing situation can be expected in the coming year.

One important change has been made in the professional organization of the Hospital. On July 1, 1952, the Bacteriology Laboratory, which had been part of the Department of Pathology, was organized as a separate Department of Bacteriology. Dr. Thomas F. Paine, Jr. was appointed Chief of the new Department. This change is in keeping with the trend in many large teaching hospitals and is a constructive move toward the maintenance of a strong department in the important field of Bacteriology.

Due to a shortage of trained obstetrical nursing personnel, it was necessary to discontinue the Obstetrical Service in the Baker Memorial and the Phillips House in September, 1952. This step was reluctantly taken and is considered a purely temporary measure which, it is hoped, will be of short duration.

In response to a request from the Surgeon General for the reconstitution of the 6th General Hospital, plans are being formulated for the establishment of a skeleton organization providing the necessary key personnel, to be available in case the activation of this unit becomes necessary. It is believed that to provide the entire professional personnel of a General Hospital from the staff of this Hospital would result in too great a concentration of specialized talent for the advantage of either the unit or the individuals involved. A well trained nucleus, acting chiefs of services, sections and departments, complemented by less highly trained personnel, which would be to the advantage of all, is visualized.

Efforts directed toward the formation of a professional organization of the Staff, mentioned in last year's report, continue. The Massachusetts General Staff Associates Committee presented to the Staff in August 1952 a proposal for a professional group to be organized within the framework of the Hospital. Certain features of this plan provoked strong objections from a substantial number of staff members. The chief objection arose from the fact that the proposed organization

involved too abrupt a change in status of the individual staff members. To evolve a plan which will meet these objections, the Staff Associates Committee is working on a proposal for an autonomous organization which, while not an integral part of the Hospital, will be closely related to it.

The expansion and improvement of the facilities for the care of ambulatory patients is one of the basic concepts of the current hospital program. This program includes not only the patients now seen in the private offices of the individual staff members, but also those now cared for in the Out-Patient Department. The existing situation has been carefully evaluated by a survey of Out-Patient Department services. This survey has included a study of all phases of the patient's progress from admission through referral to the proper clinic, consultation with the necessary doctor or doctors, necessary laboratory and x-ray procedures and appropriate instructions and medications. It is believed that much can be done to eliminate unnecessary delays, make the patient's visit to the Out-Patient Department more pleasant and expeditious, and improve the over-all care of the Clinic patient in 1953.

The developments outlined in this report are steps toward the long range goals of the Hospital in its Ten-Year Program, as presented by the General Director and approved by the Trustees on June 16, 1950. Much additional progress should be forthcoming in 1953.

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DEAN A. CLARK, M.D., *Secretary*

Annual Report of Committee on Research

DURING the past year the Research Committee has directed particular attention to an appraisal of two of our several categories of research activities at the Hospital. The first of these is contract research specifically related to aspects of national defense. This so-called "war research" carries some obligation to pursue and uncover specific information useful to the Armed Forces. This type of developmental or applied research is, therefore, lacking in complete freedom for the investigator to pursue those topics which are most appealing to him since it becomes necessary for him to substitute the desires of others for his own personal curiosity. This has not proved to be a healthy situation in many other comparable circumstances and such programmatic research may diminish the emphasis on more basic experimentation. The Hospital has undertaken such work at various times in the past, particularly during World War II, but on the advice of the Scientific Advisory Committee it is probable that such proposals will be met with increasing resistance.

The second category under appraisal is the testing of new drugs. Many doctors find that clinical trial of drugs offers a stimulating and rewarding experience. There has always been a temptation, however, to proceed in a random way without expert consultation in the choice of drugs for testing and particularly in the design of adequate experiments. As a consequence a great deal of time and effort may be expended without obtaining a significant or precise answer. Last year a Therapeutic Trials Panel was established on advice of the Scientific Advisory Committee. This panel is comprised of clinicians, a pharmacologist, and a statistician. Their advice may be had on the request of any investigator, and it is hoped that this readily available service will insure the setting up of sound clinical testing.

The clinical investigators have never been asked to undertake the testing of drugs, but the Research Office acts as a clearing house for those interested in this kind of work and for pharmaceutical houses that are seeking investigators to test specific

compounds. A large hospital has a responsibility and interest in the development of new drugs, and it is fortunate that a number of investigators voluntarily choose this area as the one in which they will work.

In addition to the careful appraisal of these two major problems a number of developments have been initiated. Titles for nonclinical investigators have been agreed upon and recommended to the Trustees. These provide a sense of community activity among members of a given discipline, such as chemistry or biology.

The difficulties of obtaining adequate indirect cost allowances from granting agencies continue to vex the committee. The Hospital sponsored a meeting of representatives of granting agencies in November and an unexpected area of agreement was found between granting agencies and research workers. It was apparent, however, that a long period of time may elapse before realistic indirect cost allowances can be expected. The surprising reason for this delay is the failure on the part of many scientists who advise these agencies to understand the nature of the true indirect costs of research. Recommendations coming from government administrators to panels or councils made up of scientists are not infrequently vetoed. It is thus apparent that the real solution to the indirect cost problem lies in the reorientation of scientists in our own and similar institutions.

The use of institutional grants has continued to provide a constant source of support for pilot research in the field of cancer. The advantages of having funds immediately available to back new ideas which require experimental verification can not be over estimated. Investigators who otherwise must deal with long delays and considerable amounts of red tape are enabled to undertake a study almost at once. There is at present no reason why a pilot project in the field of growth of cancer should be delayed because of lack of funds. It is to be hoped that comparable support may soon become available in other fields of medical research.

During the year the Mallinckrodt Metabolic Ward has been entirely refurbished and enlarged through the generous gift

of an old friend of this Ward. It now provides a pleasant, almost recreational atmosphere for those volunteers for research clinical observations who are willing to stay in the Hospital, often for weeks at a time.

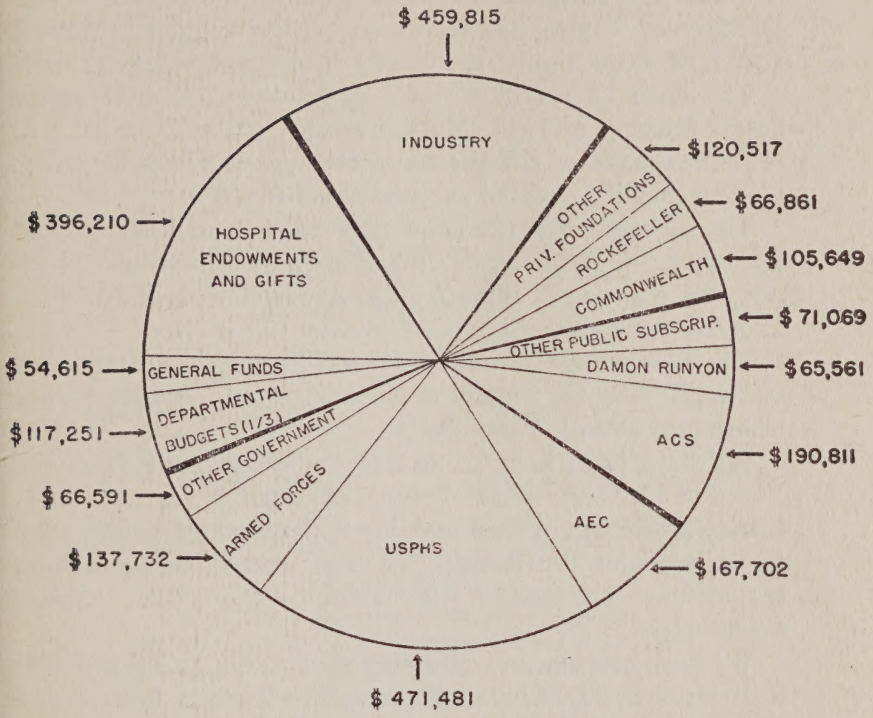
On May 1, 1953, the Research Committee sponsored a lecture by Dr. Astrid Fagraeus from Stockholm on the subject "The Production of Antibodies by Plasma Cells."

The Scientific Advisory Committee was fortunate in having Dr. Karl T. Compton and Dr. Herbert S. Gasser return for new terms on the Committee. The resignation of Dr. Linus Pauling was accepted with regret.

During 1952 a total of $2,491,415 was available for research expenditure. The source of these funds is indicated on the following graph.

EDWARD D. CHURCHILL, M.D.
Chairman, Committee on Research

TOTAL MGH RESEARCH FUNDS - 1952
$2,491,415



MGH FUNDS	$ 2,097,941
HARVARD FUNDS	$ 393,474
TOTAL	$ 2,491,415

Report of the Vincent Memorial Hospital

The Vincent Memorial Hospital completed in 1952 its fifth year in its own building, continuing its care of female patients, research and teaching Harvard Medical School students in the wards and operating rooms.

While the Hospital was incorporated for the care of the "diseases of women", its service and research under its present staff have been almost exclusively in the gynecological field.

The financial results showed an improvement over recent years. Starting in 1953, Massachusetts General Hospital will use a new basis of charges for operating our Hospital, which we fear may increase our costs by about $10,000.

The Hospital was the beneficiary of a magnificent gift of $38,000 from The Vincent Club, which, with the Club's previous gifts, is as deeply appreciated as it is essential to the continuation of our work.

The Trustees of Godfrey M. Hyams Trust graciously granted our application for a grant of $25,000 for an addition to our laboratory, recently completed.

We have been sorry to receive the resignations from the Board of Dr. Theodore P. Ferris, D.D., and of Mr. Arthur T. Lyman on account of their inability to devote the necessary time to the work of the Board. We hope that our long-existing sympathetic relationship with Trinity Parish will continue nevertheless.

We have pleasure in welcoming as Trustees, in the order of their election, Mr. Charles Devens, Mrs. Nelson Aldrich and Mrs. Nathanael V. Davis.

We regret to announce the death on September 22, 1952, of Mr. James T. Butler, who, for many years, faithfully and efficiently kept our Treasurer's books and accounts.

For the useful service we render and the fine reputation of our work and research, we are indebted to our Director, Dr. Dean A. Clark, our Chief of Staff, Dr. Joe Vincent Meigs, the other doctors on the Hospital staff and to Mrs. Ruth M. Graham, the Director of our laboratory.

Louis Curtis, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dr. Dean A. Clark, *Director*
Dr. Joe Vincent Meigs, *Chief of Staff*

Dr. Maurice Fremont-Smith
Dr. John B. Graham
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott
Dr. Fred A. Simmons
Dr. Howard Ulfelder

Mrs. Ruth M. Graham, *Clinical Cytologist*
Dr. John B. Graham & Mrs. Ruth M. Graham,
Directors, Vincent Memorial Laboratory
Miss Adele Corkum, *Supervisor*
Miss Ruth E. Poules, *Acting Supervisor*

The Vincent Memorial Hospital

THE past year has been encouraging. The clinical side has been extremely busy and the wards, both Vincent 2 and 3, have handled the very serious problems of radical surgery with expediency, due to the knowledge and experience of the nurses.

The Research Laboratory has been increased in size as a result of the generosity of the Hyams Fund Trustees. The space for research has been enlarged and the animal farm expanded to care for our wide development. We expect that the newly formed Inter-Society Cytology Council will avail itself of our ability to instruct many young cytologists and pathologists in the early diagnosis of cancer by the cytologic method. This is essential if the women of our country are to be given the privilege of proper screening for cervical cancer. Our country spends millions for defense and it should also spend something to help in the early diagnosis of this disease. We are now seeing patients with this tumor earlier than ever before; this must be directly attributed to propaganda and the general knowledge of the cytologic technique. Many patients ask to have the smear test taken and this is avaliable to all of our patients. It should be available to all the women in our country, and it is our hope that it will be in the very near future.

Dr. F. M. Ingersoll and Dr. Janet W. McArthur are continuing their investigations of the involved endocrine problems of women. Already they have contributed fundamental researches to such problems. Unquestionably in future work they will be able to explain many of the unknown changes in the cycles of women. We need further support for this part of our investigations and hope to have funds available for Dr. McArthur to carry on her research.

Dr. and Mrs. John B. Graham spent four months in Stockholm, Sweden, working in close coöperation with Dr. Hans Kottmeier in the Radiumhemmet. We anticipate that their knowledge of the radiation methods of treatment of cancer will increase our salvage of cancer patients. Without doubt we have a great deal to learn and Dr. Kottmeier, I am sure, imparted as much as possible of his knowledge. Mrs. Graham worked with

Dr. Casperson (a recipient of a Nobel prize in Physics) in the determination of the various properties in the cytoplasm and nuclei of cancer cells. This is a continuation of her work with the polaroid microscope, which apparently revealed unexplained material in the cells. Mrs. Graham lectured in Sweden and spoke before the Royal College of Obstetrics and Gynecology in London.

In the absence of Dr. and Mrs. Graham, Dr. Winifred Liu carried on as Chief of the Research Laboratory. Her task was not an easy one, but she was helped by the loyalty of all our workers and the devotion of Dr. Maurice Fremont-Smith. Meetings were held regularly and members of each department of the Laboratory had ample opportunity to explain his or her particular work and its problems.

After many years a report has been made on the results of the radical surgical treatment of cervical cancer and the figures are excellent; so much so that it is obvious that we must attempt to match our results from radiation treatment with the surgical cures. This report is the first report of the surgical treatment of this disease since modern surgical treatment and care have been available. We hope that the Grahams will be able, by their research, to advise us as surgeons as to which patients should be operated upon and which radiated.

Following the resignation of Miss Dorothy Rackemann from the Presidency of the Board of Managers of the Vincent Memorial Hospital, Mrs. George Lewis, Jr., was elected to that office. This Board has always been of extreme help to the Chief of Staff and he will sincerely miss Miss Rackemann, but feels assured of continued help from the new President and her Board.

We wish to thank our Trustees for their continued faith in our endeavours and to express our appreciation to Messrs. Charles W. Brown, Jr., Joseph R. Spang, Jr., and James J. Minot, and Mrs. Edwin S. Webster for their contributions to funds that can be used to aid special problems.

To Mrs. Henry McB. Parker, President of the Vincent Memorial Hospital, and to Mr. Louis Curtis, Chairman of the Board of Trustees, we all owe a vote of thanks for their wonder-

ful and appreciative understanding of our hospital and laboratory problems.

The Vincent Club is now 61 years old. Its contributions to the Vincent Memorial Hospital have been enormous. The Staff, the Trustees, and the nurses and patients appreciate all that the Club means to the Hospital. There is no way to thank the Vincent Club sufficiently for their loyalty, hard work, and sacrifice, but in my humble way, as Chief of Staff, I again thank them very much.

JOE V. MEIGS, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

IN October, Miss Dorothy Rackemann resigned as President of the Board. She had worked hard and efficiently for the Hospital and had its interest much at heart. She will be greatly missed as President, but, happily for us, will remain on the Board.

Dedication exercises opening our present building were held in November 1947. Each year we have commemorated our "Birthday" with a tea or coffee party for the nurses, technicians and other members of the Vincent staff. This year's coffee party was, as always, a most pleasant occasion.

Two other events are worthy of mention. The tea for the Provisional Members of The Vinent Club was held in the Vincent Room and following it, the guests were taken on a tour of the Hospital. At one of our Board meetings, we were interested to hear a report by Miss McGrath, social worker on Vincent 2, on her work with patients.

Our major responsibility is the visiting on the wards and in the private rooms. The Board Members have made these visits once or twice a week regularly and are always made to feel most welcome. Their visits seem to be appreciated and enjoyed. They find the patients most enthusiastic about the Hospital, nurses and all the workers, and the spirit is one of friendliness and cheerfulness. On special occasions, such as Thanksgiving, Christmas and Easter, decorations, candy, fruit and favors are provided to brighten up the trays and the solaria.

We are fortunate in the fact that several members of our Board are on the Ladies' Visiting Committee of the Massachusetts General Hospital. Other members are connected with the M. G. H. in various ways. Mrs. Rackemann works several days a week in the Blood Bank, Miss Bartol is a volunteer, serving in many different capacities, Mrs. Courtney is Director of Volunteers and Miss Elizabeth Rackemann works in the Social Serv-

ice Department. The Board is also represented at the meetings of the Committee of Hospital Auxiliaries.

In December, the Board deeply regretted to hear from Miss Corkum that she was leaving us in February in order to continue her studies for a B.A. degree. She has been Supervisor of the Vincent ever since we moved into our new building. We shall miss her and the wonderful help which she has always given us. On completion of her course, she is to become Assistant Director of Nurses at the Baker Memorial. We are fortunate in having Miss Ruth Poules succeed her as supervisor.

Respectfully submitted,

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Annual Report of the Department of Pathology

THE year 1952 was one of many intradepartmental changes, partly because of the induction of both assistant pathologists, Drs. Austin L. Vickery and Robert E. Scully, into the Army during July. They were assigned to what is considered one of the best posts for pathologists, the 406th General Medical Laboratory in Tokyo, and it is hoped they will return when their tours of duty have been completed. Fortunately, a former resident and assistant pathologist, Dr. Robert H. Fennell, who resigned in 1950 to become an assistant professor of pathology at the University of Tennessee, returned; and with the promotion of Dr. David Kahn and the willingness of Dr. Aub to allow Dr. Edgar Taft, who had become a little nostalgic for routine pathology, to spend half time in the pathology laboratory, the work has been well covered. Dr. Taft's appointment has already proved to be a valuable liaison between the Pathology Laboratory and the Huntington Group. Similarly, the appointment of Dr. Kahn to the Arthritis Group on a half-time basis has brought the Laboratory closer to this important unit in the Research Building. Dr. Fennell, with his interest in gynecological pathology, especially carcinoma-in-situ of the cervix, has already proved to be very helpful to the Vincent Group.

Dr. Winfield S. Morgan, after a three-year residency, obtained a British-American Exchange Fellowship of the American Cancer Society and began a year's study with Dr. John R. Baker in the Cytology Laboratory of the Department of Zoölogy and Comparative Anatomy at Oxford University.

Dr. Agustin Roque, who had been with us for four years and had helped develop our Histochemistry Laboratory, obtained a British-Cuban Fellowship to study some of the newer microscopic techniques at the Department of Optics and Biophysics in the National Institute for Medical Research in London.

On July first, Dr. Louis Dienes, having reached the age of sixty-six, was retired from the position of Bacteriologist, a posi-

tion that he had held for over twenty years. During this period he brought fame to the Hospital for his brilliant work on the tuberculin type of sensitivity and the L form of bacteria. Fortunately, his wise counsel on infectious disease problems will still be available, because he remains in the hospital family as Consulting Bacteriologist, and is continuing his studies in conjunction with the Arthritis Group. With his retirement, the Bacteriology Unit of the Pathology Laboratory, which had been separated from Pathology physically for several years, was separated administratively, with Dr. Thomas Paine in charge.

It is well known that there is a great dearth of pathologists throughout the country. This scarcity is not because fewer men are choosing pathology as a specialty, but because the demand has increased. Most hospitals of 100 beds or more are seeking full-time pathologists to be in charge not only of pathologic anatomy, but of all branches of clinical pathology including bacteriology, chemistry, hematology, blood bank, and cytology. The pathologist often is the only full-time physician in the hospital. In order to help supply this demand and to prepare men for the American Board of Pathology in both pathologic anatomy and clinical pathology, the Trustees have approved a four-year residency program which includes in addition to pathologic anatomy rotation through the various clinical pathological laboratories. The program is sufficiently elastic, however, to enable those residents who prefer to limit themselves to pathologic anatomy and research, to do so. An arrangement has been made with the Memorial Hospital in Worcester to have our resident spend a four-month period in their Pathology Department under Dr. Ronald C. Sniffen. This arrangement has already proved to be very valuable on both sides: it provides the Memorial Hospital with a resident pathologist—a position that would be very hard to fill with the present shortage—and it introduces the resident to the running of a general laboratory in a 300-bed hospital, the type of position he may eventually have.

Research in the laboratory was bolstered during the year when a large room on Domestic 4, previously occupied by the Huntington Group, was allocated to Pathology. The tiny histo-

chemical lab, previously located on Domestic 5, was moved down, enlarged, and is being developed by Drs. Taft and Richard B. Cohen. Dr. Cohen, resident in pathology, in collaboration with Dr. William Chapman is studying many of the histochemical reactions in the adrenals removed surgically from patients with hypertension, Cushing's syndrome and cancer. Dr. Agnes S. Burt has also moved her laboratory to Domestic 4 and is continuing her work on the pituitary and other endocrine glands in neoplastic disease. During the year she completed a study in a series of patients with cancer of the breast, showing the relative effects on the pituitary of hormones, x-ray therapy and castration. In patients with carcinomas of the endocrine glands and secondary sex organs there is evidence of pituitary hyperactivity which seems to be suppressed by hormone therapy: significant differences have been noted in the response of patients to estrogen administration as compared to that of laboratory animals. Studies on a variety of endocrine disorders suggest a common origin in the pituitary of a gonadotropin, thyrotropin and some sort of adrenocortical stimulating factor, perhaps explaining the frequent clinical finding of multiple endocrine disorders. With aid from the Institutional Grant of the American Cancer Society, Dr. Taft has been conducting experiments with the Linderstrom-Lang cryostat on the rapid preparation of permanent histologic sections from fresh tissues; and Dr. Fennell, by means of serial sections, is studying the pathogenesis of carcinoma-in-situ of the cervix and correlating his findings with the cytological smear. This room on Domestic 4 now housing five research projects should be adequate to carry us along until the new Pathology Building is erected (circa 1955).

The statistics of diagnostic examinations follow:

	1951	*1952*
Autopsies performed	687	727
Percentage on cases dying in MGH	71+	63—
Surgical Specimens	9,752	10,017
Microscopic preparations (10 periods)	56,285	44,619
Cytologic smears examined	8,319	8,875

BENJAMIN CASTLEMAN, M.D.
Acting Chief,
Department of Pathology

Annual Report of the Medical Laboratories of the Collis P. Huntington Memorial Hospital 1952

AS we have become adjusted to working on the cancer problem, it is encouraging that we have progressed to the point where techniques, developed through studies on animals, may now be applied to human beings with profit. There are many important studies of humans to be made and we have, therefore, turned to this aspect of the problem in the past few years with an ever increasing interest. This is done both through the means of trial of new chemotherapeutic agents and by study of the effect of the host on the tumor. Essentially we might divide the work of the laboratory into two parts, the effect of the host on the tumor, and this approach is largely on patients, and secondly, the finer chemical constitution of cells in normal and tumor tissue, and this work is done, for the most part, on animals.

Our clinical work continues to be oriented towards the effects of the internal secretions, hence Dr. Nathanson plays an important role. His continuous interest has established him as a dominant figure in this important field. In the past year, the splendid work of the Hormone Laboratory, directly under Dr. Engel, has continued along the lines previously established: namely, refinement and extension of the methods for the study of the metabolism of male and female hormones in cancer patients, and application of these techniques to clinical material. As many of the methods are now in a satisfactory state of development, the emphasis has been shifted towards the clinical application. For example, determinations of female sex hormones, that is estrogen metabolism, have been carried out both on urine and on tissues. Following the injection of single or multiple amounts of one of the female sex hormones, estradiol, the amount of hormone which is being excreted is determined in order to see whether the excretion pattern varies in cancer pa-

tients and suitable controls. It is interesting that there are wide variations which occur in the estriol-estradiol ratio, while the amount of estriol appears to increase as the duration of the experiment is lengthened.

This interconversion of hormones, as well as the irreversible breakdown of them, has been followed in isolated human tissues obtained at operation. All of the tissues studied have the capacity to interconvert these hormones and can also break them down to unrecognizable metabolites. It appears possible that neoplastic tissues have a diminished capacity to carry out these reactions. Experiments are now in progress on the conversion of male hormones to female hormones by isolated tissues. This can now be done by compounds which are labeled with radioactive carbon. These experiments are being carried out in collaboration with Drs. Pincus and Dorfman of the Worcester Foundation for Experimental Biology.

Work on the separation of male hormones into their various components is progressing well. Many of them can now be isolated, recognized, and obtained in pure crystalline form. These compounds are very complex in the way they appear in the urine. The aim of the work at the moment is the detection of one compound which was regarded by Dobriner and his associates as a characteristic excretion product of cancer patients. The work is coming along well now with the new techniques which were developed by Dr. Engel and his co-workers.

Methods for analyzing the similar hormones produced by the adrenal glands have also been developed and are now being used to study the excretion of these compounds in patients who have received cortical hormones like cortisone or ACTH, or who are under acute stresses such as burns or total body irradiation. This study should develop interesting results in the next few years. This is a very complicated phase of chemistry and medicine. The chemical pattern of these substances as they are excreted is very complex and important to clinical medicine, particularly in application to the sex-linked cancers. While the new methods are simplifying the analysis, it is obvious that the metabolism of these compounds is very complex.

Drs. Nathanson and Baker continue the study of localizing radioactive elements into neoplastic tissue. Using tracer doses of radioactive potassium, they have a total of eighty patients under study, about evenly divided between malignant and benign lesions of the breast, and to date have had no false positives but have had about five false negatives. They are continuing to increase the total number of patients, and are now studying the effect of therapy on the K-42 uptake of malignant tumor tissue. The few primary studies reveal that effective therapy reduces the K-42 activity.

The whole clinical group continues the evaluation of hormones in cancer treatment both in the Tumor Clinic and in the medical wards. Drs. Sohier and Baker continue to study the anemias of cancer patients, particularly the acute acquired hemolytic anemia which sometimes develops. Some patients with leukemia or lymphoma have a hemolytic component to the anemia of these malignancies. On the other hand, these studies so far suggest that there is no hemolytic component to the anemia of metastatic carcinoma. Leukemic and normal blood cells offer the opportunity to study the properties of isolated cells. Dr. Sohier is occupied with surface phenomena of such cells particularly manifested in varying types of blood sera. Dr. Zamecnik and Dr. Baker are exploring the incorporation of radioactive amino acids into such cells. Results to date indicate that leukemic white cells incorporate amino acid into protein at a faster rate than normal white blood cells. On *in vitro* storage, however, leukemic cells do not survive longer than normal cells.

In addition to the studies of hormone variations in neoplastic disease, there are accompanying metabolic balance studies of patients with carcinoma of the male breast, of the prostate, and of one patient with adrenal cortical carcinoma. These intricate studies, directed towards the relation of hormones to cancer growth, are carried out by Drs. Baker and Sohier, and Miss Tibbetts.

The first six months of this year were spent by Dr. Zamecnik in Dr. Linus Pauling's laboratories at the California Institute of Technology. As a result of this reflective period, he has initiated

a new series of experiments with Dr. Leonard Spector, in which the effect of simultaneous feeding to rats of carcinogenic azo dyes and closely related non-carcinogenic relatives are being studied.

Dr. Zamecnik's group has continued the long range study of protein synthesis by using the Yoshida ascites sarcoma as a test object. This tumor grows as a free cell transplant in the peritoneal cavity of the inoculated rat. These tumor cells, after being washed free of ascitic fluid, have been found to have a high ability to utilize glucose in the absence of oxygen when incubated in an inorganic salt-glucose medium. Incorporation of labeled amino acids into protein occurs, linked in a definite way to the energy-producing reactions of glycolysis (breakdown of glucose). This test system provides a fine opportunity, for which they have long been searching, to scrutinize the connection between the well defined energy yielding steps of glycolysis and the energy requirement of the initial step in protein synthesis. When glycolysis is blocked, the incorporation of amino acid into protein ceases. Arsenate, which is known to prevent phosphorylation while allowing glycolysis to proceed, blocks the incorporation process. In this subtle distinction may lie an important clue to the intimate mechanism whereby energy is funneled into the peptide bond synthesis of proteins.

Dr. Keller has used a variety of tissues and micro-organisms such as E. coli and yeast in attempts to obtain protein or peptide synthesis in cell-free extracts. The oxidative and glycolytic phosphorylation in these extracts have also been studied in order to learn more of the mechanism of the phosphorylation reactions and to provide a maximum rate of formation of adenosine triphosphate for driving the synthetic reactions involved in protein synthesis. The synthetic reactions have been studied by obtaining the incorporation of radio-active amino acids into protein, by looking for peptides by paper chromatography, by measuring the splitting of adenosine triphosphate on adding amino acids, and by the hydroxamic acid method.

Throughout all this work is woven an effort to understand the effect of radiation on cells for this is used successfully in

treating some tumors but, under other conditions, may also initiate them. During the past year a detailed report has been published by Drs. Aub, Evans, Hempelmann, and Martland on the late effects of internally-deposited radioactive materials in man. This publication summarizes the results of work carried out in part in these laboratories and at the Massachusetts Institute of Technology over the past two decades. Perhaps the most practical question raised by the careful, long time study of thirty individuals exposed to radium and closely related radioactive materials involves what internal amounts of radium may be considered as permissible. Another interesting finding was the lack of uniformity of radium distribution in the skeleton. Numerous small areas of high concentrations of radium, "hot spots," were found. That these "hot spots" bear a relationship to the site of development of esteogenic sarcomas would seem to be an interesting possibility.

Dr. Gardella continues to search for metabolic abnormalities in irradiated tissues and tissue derivatives. He has investigated the effect of lethal doses (800r) of total body irradiation on the capacity of rat liver homogenates to accomplish oxidative phosphorylation at increasing time intervals after irradiation and has found that oxygen consumption and phosphate esterification in this system were not depressed at this level of irridiation from 1-50 hours after exposure.

In an effort to identify more closely the area in which irradiation inhibits nucleic acid metabolism, attempts were made to observe changes in the purine and pyrimidine composition of acid soluble extracts of tissues from irradiated rats. Ultraviolet spectrophotometric analysis of these extracts demonstrated significant quantitative and qualitative changes only in the thymus 24 hours after exposure. Separation of the chemical substances responsible for the alteration in ultraviolet absorption patterns was grossly achieved with two-dimensional chromatography. More precise partition of this extract is needed before identification of constituents is possible.

Drs. Scott and Taft have continued the program of development of microchemical methods applicable to single tissue sec-

tions. Methods are now in hand for the determination of the following constituents in amounts present in single microtome sections of fresh frozen tissues (a) inorganic phosphate, (b) total phosphate, (c) ribonucleic acid, (d) desoxyribonucleic acid, and (e) protein nitrogen. They are also able to estimate quantitatively the activity of acid and alkaline phosphatase in similar tissue sections.

These investigators are combining this group of analytical procedures in a histochemical study of phosphorus compounds and phosphatase activities in and near early neoplastic lesions induced in the liver of rats fed p-dimethylaminoazobenzene. This study is accomplished by the analysis of sequential sections. Periodically a section is taken from the sequence and stained for histological examination. By this combination of procedures, observed changes in the chemical and enzymatic composition of the tissue sections may be correlated with morphological alteration associated with the disease process.

Dr. Bucher and her group are continuing studies on normal, regenerating, and neoplastic rat liver with particular attention to the fundamental mechanisms which regulate normal growth processes. Their ultimate aim is to find why such controls fail to operate in cancer. During the past year they have approached this problem at both the *in vivo* and *in vitro* levels. Their earlier *in vivo* experiments on regeneration of rat liver with parabiotic rats provided evidence that the increase in mitotic rate which occurred in the liver following partial hepatectomy was initiated by an alteration in the chemical composition of the blood. The mitotic stimulus in partially hepatectomized animals was specific for liver and did not affect other organs. They have recently found that in intact rats, when the plasma constituents were depleted by means of plasmapheresis, there was a significant rise in the mitotic rate in the liver, but not in the kidney. The latter organ, unlike the liver, could not be subjected to an increased metabolic load by this process. They do not yet know what components of the plasma are involved in the production of this response, which appears to be so well geared to the functional needs of the organism.

An investigation of the properties of suspensions of isolated cells was undertaken with the objective of finding new and profitable means of comparing normal and cancerous tissues. Liver cell suspensions were prepared by various mechanical means and their metabolic functions intensively studied. Although appearing morphologically intact by phase contrast microscopy, these preparations function in a manner in general quite comparable to cell-free homogenates of the same tissue with respect to oxygen consumption, glycolysis, and oxidative phosphorylation. Since the biosynthesis of cholesterol from acetate had never previously been demonstrated to occur in the absence of intact cells, this reaction was finally tested as a possible index of cell integrity. To her surprise, Dr. Bucher discovered that, under suitable conditions, cell-free homogenates of adult rat liver could be made to produce both radioactive cholesterol and fatty acids when incubated with C^{14}-labeled acetate. This is a biochemical finding of first order magnitude, already received with enthusiasm by workers in the steroid field. It illustrates that hard work, carried out by a careful investigator, eventually opens a crack in the wall of our ignorance, albeit at some unexpected point.

Dr. Freymann has studied growth characteristics of the Yoshida ascites tumor at some length. This tumor is one of the most promising biological tools the laboratory has at its disposal, and is being carefully exploited by a number of members of the laboratory as a guide to the peculiar properties of tumors in general. Dr. Freymann has found these tumor cells to be very radiosensitive and concludes that the tumor cells are equally radiosensitive through their life cycle and not just during or before mitosis.

The Polaroid color-translating ultraviolet microscope has been used to study the changes in the nucleic acid concentration of Yoshida tumor cells after irradiation, but no conclusive changes have been noted.

Dr. Freymann, in conjunction with Dr. Hall and with Dr. Keitel of the Children's Medical Laboratory, is making studies on the electrolytic pattern of the Yoshida tumor and there is

evidence of a significant drop in the intracellular potassium concentration and a slight rise in the intracellular sodium concentration one hour after irradiation. Between this investigation and the one that Dr. Hall is doing on intracellular phosphorus, calcium, and magnesium, it may be possible to demonstrate a definite change in the cell membrane after irradiation.

The study of the growth of deer antler has been continued. Drs. Taft and Hall have shown that large doses of vitamin A suppress antler growth.

Thus we continue to work on interesting fundamental problems that are important biologically, as well as on the problem of growth. One can see from the work being done that the problem of cancer may now be approached fundamentally with promise of solution of important scientific questions. The morale of the laboratory remains high and the intellectual level is superior. The laboratory has been expanding for the last few years and it would appear at present to be at an optimal level for efficient work. We continue to encourage our younger investigators to go to other laboratories for broader experience. As previously mentioned, Dr. Zamecnik, one of our senior investigators, was away for six months working with Dr. Pauling in Pasadena. Dr. Loftfield is now on a traveling fellowship working with Dr. Theorell in Stockholm. Dr. Hoagland had a year with Dr. Linderstrom-Lang in Copenhagen, and he is now spending a year with Dr. Fritz Lipmann here at the Massachusetts General Hospital. We hope to welcome them both back to this laboratory next year.

While this report necessarily deals largely with our investigations, many members of the laboratory also devote time to teaching and to care of patients at the Hospital. These are fundamental duties which are always a part of the responsibilities of this laboratory and by means of them, the Harvard Medical School and the Massachusetts General Hospital are benefited.

The same foundations which have supported us in the past continue to do so, and we would like to take this opportunity to thank them again. We appreciate very much the fine new grant given us for three years by the Jane Coffin Childs Memori-

al Fund for Medical Research to support the work of Drs. Nathanson and Engel. We are also grateful to the Massachusetts General Hospital and to the Harvard Medical School for their constant support and encouragement.

Our excellent group of investigators, ably assisted by research technicians of the highest calibre, is thus given every facility needed for concentrated and arduous work, and we hope that our vigorous efforts may continue to disclose contributions of value to the knowledge of the cancer problem.

JOSEPH C. AUB, M.D., *Director,*
Medical Laboratories of the Collis
P. Huntington Memorial Hospital

Annual Report of
The Ladies' Visiting Committee

SINCE the year 1869 when seven young ladies and four elder ladies were appointed by the Trustees to visit the female wards only (and one year later were authorized by the Trustees to visit the male wards, also, at their discretion) this Committee has expanded not only in numbers, and in visiting assignments, but also in other activities for the benefit of the hospital. For this purpose we now have the following sub-committees:

WARD VISITING COMMITTEE. As well as assigning visitors to the wards, during 1952 an increasing number of requests came for special visiting in Baker Memorial and Phillips House and we were again asked to visit in Burnham. Although regular assignments are not made during the summer, 10 visitors made 45 visits during June, July, August and September. The longer hospital visiting hours mean that many patients have more visitors of their own than previously, which makes our visiting even more appreciated by those patients who do not have family or friends who can come to see them.

CHAPEL COMMITTEE. Several memorial gifts of flowers have helped the Chapel Committee keep within their budget. During the year the Massachusetts General Hospital Staff Wives Hospital Committee has given several concerts, and Mrs. Cushing again played the organ on several occasions. In December there was a wedding in the Chapel. The decision of the Trustees and the General Director, in March, to remove the Cross from the altar has fulfilled Bishop Lawrence's original desire that there should be no *permanent* religious symbols in the Chapel, thereby making it truly available for the "Spiritual Refreshment of all, regardless of race or creed."

CHRISTMAS COMMITTEE. With the help of volunteers and hospital personnel this Committee again gave a very successful Christmas party for Adult Patients, and also arranged for the singing of carols throughout the Hospital. Christmas cards for children and adults were given to the Social Service Department

to be sent to former patients. One of the Massachusetts Institute of Technology fraternities gave a very delightful party on the Burnham wards complete with Santa Claus and presents. Wreaths and greens were provided for the Hospital and a Massachusetts Institute of Technology student group gave a large Christmas tree which, as it had been fireproofed, was put up in the White Building entrance.

OCCUPATIONAL THERAPY COMMITTEE. We have continued to pay the salaries of a part-time Occupational Therapist and a Music Therapist in Burnham and have again given several parties for the children. The new lights for the Occupational Therapy shop given by the Ladies' Visiting Committee from the Lawrence Fund are greatly appreciated.

PLANT AND FLOWER COMMITTEE. Plants and flowers have been provided for Christmas, Easter, and Ether Day, and for various places such as Solaria and the entrance to the White Building, as far as the budget would allow.

TELEVISION AND RADIO COMMITTEE. Two radios, a radio-record player and one television have been donated during the year.

GENERAL STORE COMMITTEE. Our gratitude goes to Mr. Kinsman for his invaluable and generous assistance in making the "Store Cart" which has gone to the White and Bulfinch wards and also Baker, Phillips House and Vincent as often as volunteers have been available to take it. The 1952 financial report of the General Store (which is operated by the Ladies' Visiting Committee) follows.

Balance on hand December 30, 1951		$ 6,379.86
Cash receipts		40,473.70
Total		$46,853.56
Expenses:		
Salaries	$ 5,226.33	
Stock purchased	31,007.90	
Utilities charge	97.11	
Miscellaneous	130.63	
Total Expenses		36,461.97
		$10,391.59

Paid to Ladies' Visiting Committee	$4,000.00	
Paid to M.G.H. Staff Wives Hospital Committee	134.38	
Total transferred to other Committees		4,134.38
Balance on hand December 28, 1952		$6,257.21

SUMMARY FOR 1952

Receipts	$40,473.70	
Expenses	36,461.97	
Cash gain	$ 4,011.73	
Increase in inventory	784.00	
Gain for the year	$ 4,795.73	
Value of inventory Dec. 30, '52	3,421.00	

FURNISHINGS COMMITTEE. This Committee tries to meet requests beyond the hospital budget which we feel are really needed. During the year we furnished three solaria on White 7, gave a Recording and FM radio set for the Staff Doctors' Pent House in the White Building, as well as various pieces of furniture for the Warren Library, Admitting Office and Burnham. It was decided that the Picture Committee, started this year, should be a part of the Furnishings Committee. A really remarkable collection of colored reproductions has been assembled. The plan of hanging these in the solaria and changing them every month or so has met with great enthusiasm from the patients, their visitors, and the hospital personnel.

WARREN LIBRARY COMMITTEE. There has been a vastly increased circulation of magazines and a trend among readers away from fiction to non-fiction reading and to magazines containing the writing of well-known authors. For the first time, volunteers have taken the book cart to Phillips House this year. The total number of readers for 1952 was 12,679.

MEMBERSHIP COMMITTEE. Two new members were elected to the Ladies' Visiting Committee this year, and after several years' absence a former member has joined us again.

FROM THE TREASURER'S REPORT. Changing our fiscal year to

end October 6, 1952, instead of January 1, 1953, to conform with the Hospital's fiscal year has caused some confusion. For example: Our income this year will be as usual, but our expenses will be less, and next year our income will be less and our expenses as usual! Among gifts to the Hospital, not already mentioned, are those to Social Service, magazines, etc., to the Warren Library, and (from the Lawrence Fund) a microtome and equipment.

Members of the Ladies' Visiting Committee have taken part in the following:

A representative from our Committee has again served in a liaison capacity on the Ladies' Advisory Committee to the School of Nursing and also on the Social Service Advisory Committee.

Many of our members have responded from time to time during 1952 to requests to contact their State Legislators, asking their support of legislation of vital importance to the Hospital, and have attended hearings at the State House.

It is interesting to hear from the Assistant Treasurer that the Memorial Fund, which the Ladies' Visiting Committee was responsible for establishing some years ago, is contributed to extensively, and is used for the free care of patients.

During 1952 we had three speakers at our meetings:

In March, Miss Louise Hatch, Director, Dietary Department and School of Dietetics.

In May, Dr. Augustus Thorndike, President, Bay State Medical Rehabilitation Clinic. After the meeting we visited the Clinic.

In November, Dr. Robert L. Berg, Assistant to the Director for Research and Education.

Again many members of the Ladies' Visiting Committee gave concert and theatre tickets so much enjoyed by those of the hospital family able to use them, sometimes at the last minute. Members again offered country places for picnics, and country houses for short or long stays during the summer months.

We have been represented at the four Co-ordinating Committee meetings held during 1952.

It is an honor to be invited to tell about the Ladies' Visiting

Committee at a National Association meeting, and in 1952 this honor came to us for the second time. Several years ago Mrs. W. Jason Mixter spoke before the American Hospital Association here in Boston. Last September it was my privilege, as Chairman of the Ladies' Visiting Committee, to speak at the meeting of the American Hospital Association in Philadelphia. It was most gratifying to have requests for our Ladies' Visiting Committee booklet and the Chapel booklet from various parts of the United States and Canada. Our booklet is now part of the volunteer kit sent out through the library of the American Hospital Association. The account of the Ladies' Visiting Committee was published in the November "American Hospital Association Auxiliary Newsletter" which goes to 725 Hospital Auxiliaries in the United States, six in Canada, and one in Hawaii.

My sincere gratitude to every member of the Ladies' Visiting Committee for her continuing devotion to the visiting assignments and for her valuable work on the various sub-committees.

OLIVIA L. THORNDIKE,
Chairman
Ladies Visiting Committee

Annual Report of
Staff Wives Hospital Committee

THE M.G.H. Staff Wives Hospital Committee has been in existence for two years. This report gives a brief summary of its activities for the period from October 1, 1952, to May, 1953.

HOSPITALITY Major emphasis was placed on giving the large numbers of foreign visitors to the Hospital a friendly welcome, helping them to meet Americans and making them feel at home. Three teas were given at the Hospital to which they were invited to meet members of the staff; and in the spring they and their families were invited to a picnic which included the house staff. The Community Chairmen and members of the Committee called on the newcomers to help them become established and other members invited individuals and their families to a meal or for a week-end. At Thanksgiving and during the Christmas holidays, all were entertained at some special function.

MUSIC The Music Committee arranged a series of eleven concerts for the patients in the Chapel or the Moseley Rotunda. A number of the Staff Wives with the help of other volunteers aided in the transportation of the patients to and from the wards. Through the interest of one of the Staff Wives and of a member of the Ladies Visiting Committee, three excellent pianos were acquired for the Hospital.

SPECIAL PROJECTS

1) FURNITURE EXCHANGE—This was established to help those visitors who are unable to find a furnished apartment and who lack the means to furnish one. The response to an appeal for furniture was generous, and it was possible to help more than one family make their quarters more comfortable.

2) FLOWERS, MAGAZINES AND BOOKS—Members of the Staff Wives in coöperation with the Ladies Visiting Committee supplied and arranged flowers in different parts of the Hospital.

Other members of the two groups collected magazines and books for distribution in the Hospital. One large Boston book store included with their bills a request that customers donate unwanted books to the M.G.H. Ninety were given in the first month.

VOLUNTEERS The purpose of a Volunteer Committee as part of the Staff Wives organization is to help meet the needs of the Volunteer Department of the M.G.H. by encouraging members who have free time to make their special interests and abilities available to that Department. A few of the Staff Wives have been working as volunteers for years, and this number was increased considerably by the Committee's efforts. It is expected that many more of the members will wish to volunteer as the whole group becomes better acquainted with the opportunities to work at the Hospital.

MARY B. CHURCHILL
Chairman
Staff Wives Hospital Committee

Annual Report of Distaff Club

AT the beginning of 1952 the Distaff Club found itself with very few participating members and a lack of interest among the large group of House Staff wives for whom the Club was intended to provide interesting programs and an opportunity for those who were new to Boston to make friends.

The officers, Mrs. Stuart Ragland, President, Mrs. Wilbur Thomas, Vice-President, Mrs. John Burke, Secretary, Mrs. John G. Freyman, Treasurer, and Mrs. Rhett Talbert, Chairman of Housing, determined to try to make the club meetings more stimulating and attractive to husbands as well as wives, and to build up a large and interested membership. Membership was extended to include the female members of the House Staff and the wives of the younger Fellows who would find congenial company in the group.

The availability of the Penthouse as an attractive and convenient place of meeting was very helpful. Our speakers included Dr. Dean A. Clark, Representative Robert Ayers, Chairman of the Herter-for-Governor Campaign, Dr. Carlos Tejada who lectured on Guatemala, and Dr. Madin Singh who spoke on India.

An Easter Egg Hunt, an Aloha Party for those leaving in July, a tea for new wives in August, and a Christmas Punch Party were successful occasions.

We were asked to help the Staff Wives in inviting foreign doctors to Thanksgiving Dinner and to assist in the transportation of patients to the weekly organ concerts. Some of our members acted as hostesses at the Hospital Christmas parties.

Mrs. Grant Rodkey, one of the founders of the Club, organized several daytime outings with baby-sitting provided, which were very successful.

During the year the attendance at meetings increased and we hope we were successful in our attempt to make the Club more interesting and useful for the members.

ANNE J. RAGLAND,
President
Distaff Club

Report of the Advisory Council to the School of Nursing

(Formerly the Ladies Advisory Committee to the School of Nursing)

Meetings of the Advisory Council to the School of Nursing were held monthly from September through June, 1952.

In April, Mrs. Donald V. Baker, Jr., resigned from the committee, having been a member since 1932 except from 1942-45. The Ladies Visiting Committee was represented on the Council by Mrs. James Means. In May, Miss Cecile Littlefield, MGH 1947, succeeded Mrs. Joseph Andrews, whose term expired as representative of the Nurses' Alumnae Association for a three-year term.

The former Ladies Advisory Committee to the General Hospital School of Nursing adopted a new Plan of Organization in June, and this was sent to the Board of Trustees for approval. The official title of the group is now "The Advisory Council to the School of Nursing of the Massachusetts General Hospital." A report of the work of the Council, in common with that of other voluntary groups in the Hospital, appears at intervals in the MGH *News*.

The program of the year centered around the theme of Research at MGH and Its Effects on Nursing and Nursing Education. The initial over-all picture was presented first by the Assistant to the Director for Research and Education. At succeeding meetings nurse supervisors gave reports of research in medical, surgical, psychiatric, pediatric, and orthopedic units, with emphasis on the nursing problems involved. Individual members of the Council during the year saw the School in action when they visited the hospital wards, attended classes, and heard conferences on curriculum planning. The Honorary Members were invited to the November meeting when two of the above projects were described.

Members of the Council helped to welcome incoming students at teas held in September and March. An increase in the tuition fee was approved by the Council. There has been great interest

in the Team Plan In-service Course and also in the Clinical Teaching Internship Plan and a Boston University Field Work Program at the Hospital.

Miss Sleeper told the Council of her experiences as a representative from the United States at the World Health Organization Conference on Nursing in Geneva, Switzerland. Again, as the new Pesident of the recently organized National League for Nursing, she explained the new organization plan. Honors have come also to Mrs. Marie Scherer Andrews. In March she was given a citation for her work for the National Foundation for Infantile Paralysis.

The Council was represented at the breaking of ground for the new residence, Bartlett Hall, in March and at the laying of the cornerstone in December. The members have shared in the anticipation and fulfilment of this latest addition to School's group of buildings.

BARBARA WILLIAMS
Secretary

Massachusetts General Hospital
School of Nursing

	1952
Average No. of Graduates on General Hospital Staff and O.P.D.	213
Average No. of Graduates on Baker Memorial Staff	79
Average No. of Graduates on Phillips House Staff	56
Average No. of Accepted Pupils	293
Average No. Preclinical Students	93
Average Total	734
Total No. Preclinical Students Admitted	150
Preclinical Students Dropped and Resigned	19
Students Graduated	113
Accepted Pupils Dropped and Resigned	20
Total Dropped and Resigned	39
Students Readmitted	9
Average No. of Graduates on General Hospital Staff—*Part Times	7
Average No. of Graduates on Baker Memorial Staff—Part Time	8
Average No. of Graduates on Phillips House Staff—Part Time	3
Total Part Time Graduates	18

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING
DECEMBER 29, 1952

Graduate Nurses, General Hospital and O.P.D.	203
Graduate Nurses, Baker Memorial	77
Graduate Nurses, Phillips	57
Total	337
STUDENT NURSES:	
Accepted students	272
Preclinical students three year program	88
Peclinical students Coordinated Program with Radcliffe College	24
Affiliating students from other schools	75
Total	459
TOTAL GRADUATE AND STUDENT NURSES	796
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL:	
Baker Memorial	
M.G.H. accepted students	38
Incoming affiliating students	6
Boston Lying-in Hospital	22
Massachusetts Eye and Ear Infirmary	6
McLean Hospital	28

*Part time nurses expressed in equivalent of full time.

NUMBER OF STUDENTS AFFILIATED IN 1952 FROM:

Simmons College School of Nursing	33
McLean Hospital School of Nursing	21
Henry Bishop (Pediatrics)	20
Leominster Hospital (Pediatrics)	13
St. Elizabeth's Hospital (Pediatrics)	25
St. Anne's Fall River (Pediatrics)	25
New England Baptist (O.P.D.)	73

The Nursing Department

Nursing Service

IF trial and effort could be considered synonymous with progress, the year 1952 might stand as a year of achievement. The nurses and others in the Nursing Service have combined in all units of the Hospital to work out ways and means to meet the needs of the Hospital as a whole.

In February, April and May, Phillips House Nursing conducted three refresher courses, admitting a total of 54 nurses. Baker Memorial Nursing repeated its in-service program for team leaders, admitting 6 graduates. The General Hospital Nursing received 3 graduates from McGill University and 3 from Boston University for experience in nursing service administration, and 8 other graduate nurses from Boston University for advanced experience in operating room, orthopedic nursing and head nursing. Eleven student attendants came from the Household Nursing School for Attendants for thirteen months experience in the Baker Memorial and the Burnham Memorial. In addition to 150 new Massachusetts General Hospital students, the School of Nursing sent to the wards and clinics of the General, Baker and Out-Patient Department 216 affiliating students who came from seven different schools for experience ranging in length from one to fifteen months. Every month in the year brought new students and graduate nurses to the wards and clinics to be oriented to and taught the Massachusetts General Hospital methods of patient care.

In addition to this succession of students and graduate nurses, 470 in all, came nurses from 8 foreign countries. A segment of the regularly employed nurses and non-nurses came and went in the usual pattern. Because of the many temporarily employed nurses, the turnover in the Phillips House during the year was equal to 100% of the nursing staff and 103% in the General Hospital. The Baker Memorial was fortunate this year in having more stability. The shortage of aides and other nursing personnel was greater than that of the previous year. Attempts

were made to give in-service courses for evening aides and for operating room orderlies, but with little return.

With this staff of new and untrained workers and with the many students on the wards whose inexperience and whose educational requirements set definite limits to their assignments, more patients have been nursed. There were many loyal workers in all groups who stood by to help. An interesting contrast to the unstable, shifting group of workers is to be found in the three nurses who retired from the Phillips House in July after a combined total of 78 years of service!

Probably one of the greatest factors in helping the Nursing Service to meet its responsibilities for patient care has been the coöperation of the Administration and the other Hospital Departments. Members of the Medical Staff have sat down more often this year with head nurses and supervisors to plan the ward activities; the Neurosurgical Service accepted a well trained aide to scrub on their team; the Visiting Staff came to the General operating room for night and evening operations to help make better use of the operating room personnel. Fourteen percent of the 5,134 operations done in the General Hospital this year were private cases. The House Staff has coöperated by writing orders as far in advance as was consistent with good planning. The Administration authorized urgently needed personnel and improvements in working facilities. Evening and night supervision has been improved in the General Hospital by the addition of evening supervisors and the reduction of the night supervisors' hour schedule from 12 to 8 hours. Night supervisors were relieved of the time-consuming task of the Hospital midnight census. Administrative secretaries were added on Baker 7 and White 6 to relieve the head nurses of non-nursing functions, and ward secretaries were placed on Bulfinch 3 and the Overnight Ward during the evening to free the nurses from clerical duties to care for patients.

The remodeling of the Central Supply Room was begun. The room was rearranged, machines for washing, drying, and powdering gloves were installed. White 11 and White 7 were painted and redecorated, making them more pleasant for the patients and for all who work on these floors. The obstetrical

floors in the Phillips House and the Baker Memorial were closed in September. To make possible the maximum use of operating rooms in the two private services, the administration of both units was combined under the supervision of Miss Helen Coghlan. The Housekeeping Department assumed complete responsibility for cleaning and general care of all patient unit equipment for all patient discharge units in both the Baker Memorial and the General Hospital and coöperated in the plans for remodeling the Central Supply Room, both as to physical facilities and as to methods of handling linens more efficiently.

The Pharmacy has worked consistently with the Nursing Practice Committee to reduce the time required to pour medicines, and to do the narcotic count.

Social Service arranged trips for head nurses to convalescent homes to which Massachusetts General Hospital patients are frequently discharged so that the head nurses might be more cognizant of the needs of this group of patients. Students from the program of Pastoral Care have come to the pediatric wards in the early evening to help entertain and care for preadolescent boys, a plan which has helped the student nurses in the management of the boys and the boys themselves to accept their need for constructive recreation and rest.

The Volunteer Service has continued to give invaluable assistance in the Auxiliary Nursing Service, in the making of surgical supplies, and in the wards and clinics as Red Cross Aides and Gray Ladies. Mrs. Soma Weiss, Community Relations Consultant, has made possible numerous opportunities for constructive newspaper publicity to keep nursing needs and opportunities before the public.

More exchange of nurses between ward and private services has been possible this year. The Phillips House provided an assistant night supervisor for the General Hospital during a summer emergency. Miss Miriam Huggard of the Phillips House accepted responsibility for the program of orientation of nurses who come to all units of the Hospital to work; a program which is of prime importance in determining the nurse's desire to remain. Mr. William Allen, supervisor of aides at the Baker

Memorial has assumed responsibility for men aides and orderlies in all units.

Miss Ruth Farrisey and Mrs. Suzanne Gardon, Instructors in the School of Nursing, have worked with the head nurses and house staff on the referral plan. This year 2,800 medical, social service, dietary, and nursing orders were sent out through the head nurses to public health agencies, convalescent homes, hospitals, and industrial health clinics. The referral manual for head nurses was revised and a plan set up whereby the Hospital in return receives a record of the patient's adjustment to the referral orders. Two institutes, each attended by over 100 Public Health Nurses of Massachusetts official and private agencies, were planned and given by these same instructors and members of the medical staff. These institutes serve to give the nurses in the field an opportunity to learn the new methods employed by this and other hospitals and so help to make the patient's transition easier as he goes from hospital to home care.

In January the visiting hours for the Baker Memorial and General Hospital were revised. An unlimited number of adult visitors were permitted on the adult wards and daily visiting for parents was instituted on Burnham 4 and 5 with restricted hours. Perhaps because there was insufficient planning and orientation of nurses and house staff to the new plan, perhaps only because the change was so radical, there has been much concern over the change. Numbers of visitors have been large; wards in the Bulfinch especially have neither rooms for visitors to wait while treatments are given, nor quiet for doctors or head nurses since their desks continue to remain in the center of the open ward. Further consideration and planning will be needed in the coming year if the plan is to succeed.

Much time has been spent studying the possibilities for improving the housing facilities for graduate nurses. The new residence is to accommodate some graduates. As it is expected that these accommodations can only meet the need of the staff nurses, plans must still be made for head nurses, supervisors, and teachers. Estimates made for the work necessary to put Lowell House in only reasonable repair are beyond limits of sound investment.

School of Nursing

Many of the activities of the School this year have revolved around the building of a new residence. On March 17 the ground was first broken for the building. On December 8 the cornerstone was laid. At this time the building was named Bartlett Hall in memory of the Reverend John Bartlett, the minister whose recognition of the need for a hospital to care for the sick poor aroused influential citizens to build the Massachusetts General Hospital.

The School of Nursing to which this residence brings long hoped for advantages has many to thank: the Mary Bartlett Noyes estate whose memorial to the Reverend Bartlett formed the major donation for the building; the many friends who contributed generously to the building fund; and the members of the Hospital Board of Trustees and the Administration who supported the School's need so effectively.

The School's appreciation is perhaps best expressed by a brief statement of its contributions to the Hospital's program. It has been the expressed conviction of the Advisory Committees to the School and of the School's Faculty that a three-year program in nursing can be operated soundly by the Hospital. In such a program, if the curriculum is honestly planned and wisely conducted, the School can fulfill its educational obligations to the students while they, in turn, in part on a working scholarship basis and in part as natural by-products of their learning activities, contribute to the care of the Hospital's patients.

During the year 1952, 112 students were graduated from the three-year program. Measured by examination standards these students as a group scored high in the Massachusetts State Board examinations, and rated commendably in the Graduate Nurse Qualifying Examinations used in some of the universities to rate nurses entering upon advanced study. Of these graduates over 66% returned to work at the Hospital. Measured by their ability to assume graduate responsibilities, these graduates of the School also stood well in the actual application of their learning to patient care. Of the 150 students admitted to the three-year program, 139 completed the six-months preclinical period and remained to start the clinical program.

The average enrollment in this program was 387. A monthly average of 42 affiliating students was also accepted from other schools for instruction and experience with our own students. These three-year students, in all 429, were grouped on a monthly average as follows: 70 were in the preclinical period; 213, including the incoming affiliating students, were in their first and second clinical years; 68 were away at all times for affiliations in obstetrical, psychiatric and eye, ear, nose and throat nursing; and 61 were student nurse internes.

The student nurse internes, having completed their formal teaching program were the approximate equivalent of graduate staff nurses in preparation, in hour schedule and in responsibility. These students as nurse internes, therefore, actually equalled in the Hospital 61 graduate nurses. It should be recorded here also that to make this possible these students had been given an accelerated program for the first 28 months in the School; that their assignments as nurse internes were guided in large part by educational objectives; and that their ward teaching program was adapted to their own expressed needs. This internship although it contributes definitely to the Hospital's nursing service is planned to continue the educational experience and to fulfill the School's obligation to these young women as students.

Compared to the graduates by hour schedule only, the 172 first and second-year students and the 62 affiliating students could be said to equal 190 graduate nurses. Compared in effectiveness, knowledge, maturity of judgment, and stability of service, their value is far less. And we should expect it to be so. The assignment of these students must be made according to the objectives of the curriculum and their practice must be coördinate with their instruction and their learning needs. The fact remains, however, that these students make a valuable contribution in some instances equivalent to that made by a graduate nurse, at times equal only to a worker with less preparation and skill. This is as it should be, for the student begins without skill and progresses during her three years to the point of readiness for graduate responsibility. Although the School would recommend fewer night and evening assignments as consistent with its educational plan, these students at times have

carried approximately 50-75% of the night and evening assignments in the General Hospital and the Baker Memorial. For these assignments no other except a graduate nurse could usually have been substituted.

The Coördinated Program conducted with Radcliffe College has also progressed this year. Five students were at the School of Nursing for the two clinical years, and 9 were admitted to the Freshman Class at Radcliffe bringing the total enrollment in September to 29. This program differs from the trend common in university education for basic nursing schools, for it continues to require a total of 5 years and 10 months for completion. Since it is our belief that a university program in nursing, as in other professions, should produce women with a thorough education in liberal arts, we believe the plan to be a sound one, and one which will grow because of its differences.

To the end that the School as a whole might continue to admit and retain the maximum number of well prepared candidates, emphasis has been placed especially on three areas, recruitment, curriculum and guidance. Recruitment has been active throughout the year. The School coöperated with the recruitment program of the Nursing Council of the United Community Services in its publication, *Schools of Nursing in Greater Boston,* in meetings planned for the vocational counselors and students of the Greater Boston High Schools, and by furnishing student and graduate speakers for high school career days and assemblies. Other invitations to participate in high school vocational programs were also accepted. In these the faculty was assisted by the President of the Senior Class. Three open house days were held here at the Hospital. To two of these the School invited high school students interested in nursing; a total of 300 attended. The third open house day was conducted by the instructors in the attendant nurse affiliation for girls interested primarily in the shorter program. Five $300.00 full tuition scholarships granted by the Trustees in October for the March 1956 class were given wide publicity. The School also participated with Radcliffe College in setting up a competitive examination for applicants to the Coördinated Program and in offering a $1000.00 scholarship to the student who in this examina-

tion and other admission credentials showed greatest promise. National publicity was given to this scholarship by Radcliffe College.

Some courses in the curriculum have been revised radically. The preclinical courses in nursing and pharmacology, and portions of the courses in medical and surgical nursing were rearranged and modified to prepare the student more realistically and more effectively for her first assignments to patient care. The content in the pediatric nursing course was revised to permit more teaching in the child's own situation, ward, clinic, or home. Observations for some students were secured in the Well Baby Conference and selected students have been taken on home visits by two of the doctors active in the pediatric home care program. The values of these observations are spread to many other students through follow-up reports and case conferences. The content of the course in communicable diseases was studied and revised to make the course more practical and effective since no segregated experience is available for the students in this area. Such experience is one of the School's lacks, and one which once in the past few years threatened to affect the ability of our graduates to register freely in all states.

The ward teaching program has been refined and strengthened. A well defined plan now exists for students having the first medical and surgical nursing experience. This is in large part related to the first formal instruction in these areas. Another plan is made with different emphasis for students returning for a second experience, and a third for the nurse intern which is adapted to her level of knowledge and experience. Programs need no repetition on special services except for nurse interns. The satisfactions which students have found in these new plans have been evidenced through their interest and voluntary attendance. Credit for this progress is due not only to the full time teaching staff, but also to the head nurses and supervisors who contribute to the planning and teaching, and facilitate student attendance.

The problems of the guidance program have continued to challenge the faculty. Resignations this year have been approximately 8.2% from the School as a whole. Compared to a na-

tional rate of approximately 30% our loss is not high. The number of students who left was divided about equally between first and second year students and preclinical students. This represents a higher rate of resignation for clinical students than the School has had for several years. Some resigned during the quarter following the preclinical period because interest lagged. Some left because of ill health. The larger proportion left to marry. Although the School's marriage policy was relaxed to permit a married student to remain in the School after the completion of the preclinical period this policy has not yet been given wide publicity.

The student health record remained satisfactory. In August the cafeteria policy for students was revised. Meal tickets were discontinued placing the student nurses on the same basis as the House Officers and Resident Staff. This policy was introduced primarily for students whose homes were at a distance and who seldom had opportunity to eat away from the Hospital.

The tuition for the School was increased from $200.00 to $300.00 in September to help to meet the rising costs of instruction. To date no obvious effect of this increase has been felt, nor has there been a marked increase in requests for scholarships. More students, however, are entering with scholarship assistance from various sources within their own home communities.

Housing facilities in general have been improved. With the closing of the southeast end of Fruit Street and the landscaping around Walcott House we anticipate added opportunities for sunshine and out-of-door recreation. Indoor improvements consisted mainly of the addition of furniture in the North Grove and Parkman Street Houses.

The Palmer Davis Library has been used to better advantage this year by both the student and graduate nurses. This fall the Library Committee culled the collection with care so that we may now report 2,589 up-to-date and useful books. There are 1,338 titles in the collection. Approximately 15,000 visits have been made to use the Library this year by student and graduate

nurses at MGH, graduate nurses from Boston University and students affiliating from the Household Nursing School.

All groups have appreciated the privileges which have been theirs to participate in professional and community activities. Miss Sherwin has made the greatest direct contribution to community activities, and has been secretary of the West End Neighborhood Council. Mrs. Braman has been an active member of the Central Directory Committee, and Miss Lepper of the Nursing Council of the United Community Services. Miss Lepper and Miss Sleeper have participated in two conferences to plan for field experience in nursing service administration with Boston University, Syracuse University, and Teachers College, Columbia University. Miss Lepper has also been coördinator between the Massachusetts General Hospital and Boston University in their field program for graduate nurses. Mrs. Newcomb participated in workshops and meetings on the Team Plan in Texas, New Jersey, New York and New Hampshire. Miss Ruth Farrisey participated in a survey on hospitalization of children and was a member of the Committee on Legislation of the State Nurses' Association and of a subcommittee on curriculum of the Nursing Council. Miss Hardeman has been chairman of the Program Committee of the Massachusetts League of Nursing Education, and Miss Stewart has been advisor to the State Council of Student Nurses of which we are proud to have this year as President our own senior student, Bonnie Gough.

The Director of the School of Nursing and Nursing Service wishes to express her appreciation of the privileges extended to her to serve as President of the National League for Nursing, and to participate in the Conference on Nursing held for two weeks at the World Health Organization in Geneva, Switzerland.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Annual Report of the Social Service Department

IN the Hospital's growing concept of complete medical care, the year 1952 brought new opportunities for the Department in service to patients during hospitalization and in the many months which follow, months when adaptations to chronic illness and handicaps were being made by patients and their families and when rehabilitation in its broadest sense was being attempted.

The number of patients served has remained fairly constant the past three years with a dropping off in briefer limited services and a slight increase in the long-term continued services. A total of 8,414 patients received services in 1952. This figure does not represent, however, a true picture of the extent of Social Service coverage. With the increased number of weekly medical-social rounds on most of the major services, there is, through this conference discussion method, practically a 100% social review of patients on the wards. In these conferences with doctors and nurses, each patient's social and personal situation is reviewed and real consultation held. Many patients need not actually be interviewed by the social worker for many of the suggestions and services can be carried out appropriately, after consultation with the social workers, by the other members of the team. We still have much to learn in this role of team consultant on the social aspects of patient care, but it should result in more effective working together of all disciplines as we develop our knowledge and skills in approaching complete medical care.

Special developments in medicine and surgery change and add to our work and initiation of social programs influences our practice. The increased services of the Amputation Clinic have brought problems of rehabilitation, costly financing of prostheses and assistance in adjustment to severe handicap. The reorganization of the Clinic for the Alcoholic, under Dr. Alfred O. Ludwig, calls for additional Social Service and special skills

in helping these patients in many different ways. Miss Sherwood's work in this Clinic has developed differently in some respects from the Social Service work in Adult and Child Psychiatry. These alcoholic patients often come to the Hospital in a state of total deprivation—no money, no home, no family or friends to turn to because they have frequently been alienated because of drinking. The social worker can not then be concerned with the subtleties of feeling or helping the patient to choose between possibilities in achieving a more satisfactory social adjustment. She must first help provide for the bare necessities of life and use her casework skills to help people in the community agencies and in the community to understand and accept the alcoholic with his multitude of social problems. Much work has centered around using and learning more about how Alcoholics Anonymous helps alcoholics.

The new daily Intake Conference in the Adult Psychiatry Clinic has increased the request for Social Service assistance in securing additional social information in order to help make adequate diagnosis and to carry out treatment plans or to help patients arrange treatment elsewhere.

The increase in the number of patients coming for cardiac surgery represents a need for a special contribution from the worker in the Cardiac Service. Decisions about surgery and plans for after-care and rehabilitation are often dependent on the knowledge contributed by the social worker and her assistance to patients and families going through this major surgical experience.

In the social field the acceptance of the new relief category for the Totally and Permanently Disabled, or Disability Assistance as it is called in Massachusetts, has required close coöperation between Public Welfare agencies and medical social services. Interpretation and help in establishing eligibility for this category is complicated, but when satisfactorily administered is a tremendous help to many patients and their families, both in maintenance relief and in meeting costs of medical care.

The Department has assisted patients this year as in the past in meeting the ancillary costs of medical care. Here again trends in medical care and social programs have affected this aspect of

our work. During the year we arranged to meet these costs to an extent of over $24,000. There is an increase in payments through Public Assistance Programs and time payments by patients and their families. The sources of payment are now as readily known and available to the Administration, which contracts for hospital costs, as to the Social Service Department, so that in terms of economy we look forward to the time when these costs will appear as part of the hospital bill.

We were particularly fortunate this fall to secure as Supervisors, Miss Mary Kearney and Mrs. Jessie H. Straus. After being one year without adequate supervisory staff we can now carry on with a program of staff development and support, sorely needed to help the staff meet the complicated psychosocial problems which our patients bring.

The continued use of Case Aides has been interesting and helpful. A time study done by our five Case Aides reveals the services to patients which can, under direction, be delegated to them thus using to better advantage the skills of the Social Case Worker. The Case Aide has also been a source for recruitment to the field of social work. Many of our Aides, after a year or two here, have gone on to receive their graduate training and Master's Degrees at a professional school of social work.

The usual teaching program for Social Service students from Boston College, Simmons College and Smith College Schools of Social Work has continued. At the request of Mr. Robert F. Rutherford, Director of Simmons College School of Social Work, the first-year class of over forty students spent one afternoon here in order to become acquainted with the Hospital as a community agency and the field of social work in a medical setting. Dr. Charles L. Clay, Assistant Director, spoke to them and Dr. Walter Bauer and his team—the Medical Resident, Head Nurse, and Miss Dorothy Kellogg—put on a demonstration medical-social ward round. Teaching of the fourth year medical students, nurses, and other allied disciplines, has continued.

Research is a part of daily practice under special grants from the U. S. Public Health Service. Of particular interest is the study of children with arthritis under Dr. Lucie Jessner and

Dr. Gaston Blom carried on by Miss Grace Nichols and Miss Eleanor Clark in Child Psychiatry.

This year a bequest of slightly over $3000 came to us from a former patient, Miss Ulina DesJardins. The records show that as a single, lonely seamstress, living in a small housekeeping room, she came as a patient to the Hospital and Social Service in 1918 and was last known in 1924. Her complaints and illnesses were not of a major nature but were difficult for her in her loneliness. Both doctors and social worker gave devoted, but what today seems like minor services—furnishing medicine, encouragement, friendliness, a brief period of convalescent care and final arrangements for an adequate retirement plan. She died in 1942 leaving the residue of her estate to Social Service. We are using the funds to help patients meet illness needs.

An important event this year was the publication of Miss Ida Cannon's book, "On the Social Frontier of Medicine," by the Harvard University Press.

As we look toward 1955 and prepare for the Fiftieth Anniversary of the beginning of Medical Social Work then, we can learn much from the years behind us and press toward new goals of better understanding and service to patients.

JOSEPHINE C. BARBOUR,
Chief of Social Service

Annual Report of the Dietary Department

THIS year's progress can be measured by summarizing the statistical reports from the administrative and therapeutic areas of the dietary department. Several changes in the dietary staff during the year 1952 resulted in a new functional chart of responsibility. Miss Harriet Dillard was named assistant director of the department, and Miss Marion Tolman was promoted to an administrative assistantship. The senior staff continues to act as the committee for internship appointments. Twenty-four post graduates were enrolled for the course this year.

An analysis of food costs for the year shows results which exactly paralleled our endeavors. Since the first of the year, we have devoted extra time to menu planning and cost control through purchasing—especially meat buying. In that area we note our largest single economy, $28,287.83.

These changes were reflected in the revenue producing units and resulted in a 2.77% drop in raw food percentage to income — reducing the 49.6% figure of 1951 to 45.9% this year.

Several other changes were effected in the cafeterias. A meal identification card replaced the meal ticket system for students in departments of nursing, dietary, anesthesia, and radiology; and a new service plan combined the West Cafeteria and Nurses Cafeteria for serving breakfast on Sunday morning and supper on Saturday and Sunday evenings.

Food production and service were made more efficient with several new pieces of equipment, including a new Hobart mixer, four Blickman selective food trucks, and a new cooling system (to replace the old brine system of refrigeration) in Baker Memorial and the Food Store.

Schedules were revised in Baker Memorial to permit a staff dietitian, dietetic intern, and diet aide to function as a team to allow better coverage in this patient service area.

Census figures show a large percentage of our patients on special diet regimes.

	Baker Memorial	*Phillips House*	*General Hospital*
Number of meals per day	247	75	310
Number of special diets per day	107	28	184
Discharge diets (figures based on 10 periods)	494	158	1,089

A total of 6,949 patients were seen in the Nutrition and Diabetes Clinics from December 31, 1951 to October 5, 1952. Dietary instructions were given to an average of 25 patients daily. Of these, 515 patients received dietary instruction for the first time. Beginning May 6, a staff dietitian from the Hospital was assigned to the Medical Clinic to give diet instruction to new patients referred during the 12:00 - 2:00 p.m. period on Tuesday and Friday during Diabetes Clinic. This arrangement has allowed the Diabetes Clinic to function more efficiently and has proved a great convenience to the medical staff and patients.

The third annual Diabetes Fair was held in Horticultural Hall on November 14 and 15, sponsored by the New England Diabetes Association. Massachusetts General Hospital's exhibit was on *Weight Control,* with a 1200 calorie diet displayed on a three step circular platform constructed by the M.G.H. carpenters.

The Mallinckrodt unit (Ward 4) has been completely remodeled to accommodate fourteen patients. There were 6,394 meals served in this unit.

The staff and interns have been active in both the Massachusetts and the American Dietetic Associations. Miss Hatch and Miss Tolman represented the Hospital at the National Convention in October and brought greetings to their Boston friends from the 29 alumnae who were present. They are as proud of their M.G.H. heritage as we are of the privilege of contributing to it.

Our degree of success in each endeavor is measured by the interdepartmental coöperation we enjoy.

LOUISE HATCH
Director of Dietary Department and School of Dietetics

Report of the Treadwell Library

During the year 1952, the Treadwell Library has maintained it usual high standard of service and an increasing number of those using the library have expressed their gratitude for the assistance rendered to them. Also an ever increasing number of the mature readers have stated that they are thankful to have one room in this large institution that is kept quiet for those who wish to concentrate on serious work. It is very interesting to watch the restless, immature readers develop into quiet, serious workers.

The number of unbound journals that have disappeared from the library has increased materially during the present year. The replacing of these journals, in order to complete volumes for binding, is extremely time-consuming. In the case of journals that print practically no copies other than those required for their regular subscribers, it is often from three to six years before the items can be secured. Innumerable lists have to be scanned and countless letters written to publishers and dealers—and, even then, occasionally items cannot be replaced. The number of books which disappeared was also greater during the latter part of this year. However, these are, in comparison to unbound journals, easy to replace.

The Treadwell Library again served other medical libraries in the way of occasional loans and of gifts of material from the duplicate collection. In this respect, Treadwell has borrowed much more than it has loaned, but has given more duplicate material than it has received.

The library was the recipient of many journals which the donors do not keep and which can be used for exchange purposes. To the many friends who have donated this material, we wish to express our gratitude for their continued interest in the library. We also wish especially to thank the following authors for copies of their books: Dr. Clement E. Benda, Dr. Stanley Cobb, Doctors Ashton Graybiel, Paul D. White, Conger Williams and Miss Louise Wheeler, and Doctors Nathan B. Talbot, Edna H. Sobel, Janet W. McArthur and John D. Crawford.

We are delighted to have these books available in the library.

The statistics for the year follow:

	1952	*1951*
Number of periodical volumes	11,013	10,626
Number of other volumes	8,563	8,478
Number of pamphlets	9,258	9,378
Number of periodical subscriptions	212	187
Number of volumes loaned	7,903	7,108
Number of unbound periodicals loaned	2,271	2,339
Total number of loans	10,174	9,447
Total number of items borrowed from other sources	2,848	2,904
Number of persons using library during day	28,360	28,094
Number of persons using library during evening	2,809	2,788
Total number of persons using library	31,169	30,882

ELEANORE ASHTON LEWIS
Librarian

Report of the Warren Library

IN the past few months Warren Libary has achieved a new look. The first step in the direction of our altered appearance was the purchase of new drapes and bright shades for our lamps. The Ladies Visiting Committee assisted by having slip covers made for the two wing chairs. The purchase of five new chairs and a card catalog case completed our redecorating. We all feel that the results are well worth the combined efforts that made the changes possible.

In an attempt to help solve the problem of understaffing which has always existed in Warren Library, a decision was reached to have Phillips House patient's visited by volunteer workers rather than by the regular Warren Library staff. This change has, in effect, given an extra day of library coverage to Warren Library and has made possible three visits a week to most floors in the General Hospital and to all floors in the Baker Memorial. These extra visits to the floors are of increasing value since the advent of decreased days of patient hospitalization. With the increasing rapidity of patient turnover, three visits a week are a minimum requirement if each patient is to be offered the opportunity to read and if the librarian is to have an opportunity to collect books that are not in actual use but are signed out to a floor. The greatly increased cost of books makes the problem of lost books one of grave dimensions. Only by more frequent visits to floors can we hope to make any headway in the solution of this problem.

Because of the very generous numbers of magazines that have been donated to the Library during the last year we have been able to supply several waiting rooms in the Out-patient Department as well as waiting rooms in the General Hospital with reading materials.

The librarian would like to express appreciation again for the many materials that have been given to the Library during the past year. These extra materials are of great value to us in building a well rounded collection that will meet the special interests of our large and varied group of readers.

We wish to extend our thanks also the members of the Ladies Visiting Committee for their many efforts in our behalf. Their gifts and their continuous interest in our work are extremely valuable to our endeavors.

Thanks are also extended to our volunteer, Mrs. Aslain Lund. Her unfailing dependability and her very sunny personality have added to our efficiency and to our pleasure in our work. We sincerely hope that she has also found pleasure in her association with the Library.

The statistics for the year are as follows:

	1952	*1951*
Volumes issued to patients in General Hospital	16,099	20,010
Volumes issued to patients in Baker Memorial	15,739	16,774
Volumes issued to patients in Phillips House	10,531	14,077
Volumes issued to personnel	8,239	8,626
Total volumes issued	49,031	60,989
Showing a loss of:	11,958	
Total number of foreign books issued	4,462	4,321
Total number of juvenile books issued	2,126	1,238
Total number of magazines issued	11,953	4,073
Total readers for the year	12,679	12,184

KATHLEEN SERGOTT
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years, to the author of the best dissertation, considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1953 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1943.....	1,601,774.	310,070.	386,531.	763,976.		3,062,351.
1944.....	1,655,932.	298,154.	388,641.	765,740.	$297,056.†	3,405,523.
1945.....	1,504,983.	400,760.	386,344.	905,566.	684,015.*	3,881,668.
1946.....	1,671,180.	466,732.	502,348.	1,176,624.	684,093.*	4,500,977.
1947.....	1,788,631.	533,661.	646,086.	1,393,308.	848,320.*	5,210,006.
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.*	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.

TOTAL ACCRUED EARNINGS

1943.....	794,338.	216,338.	451,099.	790,548.		2,252,323.
1944.....	798,099.	161,592.	437,271.	801,939.	289,784.†	2,488,685.
1945.....	654,342.	212,073.	445,731.	825,522.	588,417.*	2,726,085.
1946.....	718,392.	296,074.	570,422.	1,133,603.	443,731.*	3,162,222.
1947.....	924,913.	390,984.	669,825.	1,342,783.	551,456.*	3,879,961.
1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.*	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.*	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677	6,941,796.

STATEMENT OF STOCK ON HAND

	Dec. 28, 1952	*Jan. 1, 1951*
Total Stock on Hand December 28, 1952 and January 1, 1951 respectively	$670,037.68	$534,169.93

* This represents Emergency Ward, private ambulatory, research, and non-patient earnings.
† The figure for 1944 represents items not allocable to any particular unit of the hospital, and not directl related to the care of patients.

GENERAL HOSPITAL

(Does not include Phillips House, see page 110, or Baker Memorial, see page 110)

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1943	7,910	147,367	19— "	4,901
1944	7,677	145,731	19+ "	4,716
1945	7,532	144,274	19+ "	4,654
1946	7,227	135,824	18+ "	4,324
1947	7,594	124,203	17— "	4,579
1948	7,390	126,554	17+ "	5,339
1949	7,694	125,830	16+ "	5,259
1950	7,370	123,711	17— "	5,413
1951	7,232	115,904	16— "	4,885
1952	10,547	118,120	11+ "	4,793

GENERAL STATISTICS

Patients in Hospital January 1:

	1953	*1952*	*1951*
Medical	79	136	159
Surgical	165	147	208
Children	23		
Total	267	283	367

Patients admitted during year:

Medical	4,076	3,324
Surgical	5,518	3,908
Children	953	
Total	10,547	7,232

Patients discharged during year:

Against advice	35	30
Died	530	514
Otherwise discharged	9,968	6,718
Total	10,533	7,262

Patients' days treatment:
(Reckoned from discharge rates)

	1952		*1951*	
Paying patients	77,959	(66%)	74,134	(58%)
Part-paying patients	33,074	(28%)	36,338	(37%)
Free patients	7,087	(6%)	5,534	(5%)
Total	118,120	(100%)	116,006	(100%)

	1952	*1951*
Net income, General Hospital	$1,641,270.00	$1,319,840.00
Total number of patient days	118,120	115,904

	1952	*1951*
Average number of patients per day	325	291
Number of beds available	452	421
Percentage of beds occupied	72%	70%
Autopsies	66%	68%
Per capita earnings (excluding special nurses)	13.89	11.39
Per capita earnings on special fees	5.22	4.39
Per capita cost of foods, patients only	.87	.90

HOUSE PATIENTS

Residences

	1952	*1951*
Boston	4,004	2,337
Metropolitan Boston	4,117	2,973
Massachusetts (except Metropolitan Boston)	2,059	1,461
Outside of Massachusetts	367	261
Total	10,547	7,032

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Receipts
943	13,097	2.30—	30,098.23	13,787.90
944	13,142	1.86+	24,506.19	15,159.22
945	13,372	6.74	90,210.00	20,237.36
946	14,100	9.68	136,481.50	40,318.89
947	15,661	9.22	144,537.00	67,497.00
948	16,713	10.51	175,654.00	85,942.00
949	15,822	3.54	56,026.21	15,322.46
950	15,335	6.15	94,348.29	15,151.30
951	18,449	7.94	146,576.74	47,978.23
952	20,243	8.16	165,108.60	71,149.46

COMBINED OUT-PATIENT DEPARTMENT

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1943	22,576	235,708	780+	120,847
1944	21,391	234,058	775+	128,821
1945	20,287	226,978	754+	126,119
1946	21,678	237,630	787—	123,293
1947	21,448	229,095	758+	116,040
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Receipts	Aver. Daily Receipts	M. G. H. Share of Receipts
1943	436,375‡	308,807‡	1.85+‡	330,336	1.40+	216,338
1944	424,075‡	296,825‡	1.81+‡	276,072	1.18—	161,591
1945	568,878‡	400,760‡	2.51‡	333,632	1.47	212,074
1946	660,410‡	466,732‡	2.78+‡	448,278	1.89	296,074
1947	760,330‡	533,661‡	3.32—‡	570,294	2.49—	390,984
1948	860,608‡	609,577‡	3.69+‡	650,158	2.79—	438,380
1949	1,034,253‡	753,983‡	5.00+‡	696,044	3.37	479,556
1950	940,238‡	645,898‡	4.80+‡	697,505	3.56	477,294
1951	911,217‡	710,433‡	4.96+‡	676,259	3.68	441,982
1952	918,728‡	726,900‡	5.17+‡	697,498	3.93	484,020

New Patients

Men	4,862	Residents of Boston	5,899
Women	5,592	Outside of Boston	8,408
Children	3,853		14,307
Total	14,307		

Total attendance	177,657	Percentage of free service	6%
Daily average	588+		

‡Funds contributed by outside individuals or foundations for research, or for any other purposes for which the hospital would not have appropriated funds, have been deducted.

	New Patients		Subsequent Visits	
	1952	*1951†*	*1952*	*1951†*
Medicine	1,470	1,503	17,170	15,657
Alcohol	6		85	
Allergy	50	14	7,323	7,449
Anemia	1	2	429	453
Arthritis	0	6	1,296	1,304
Diabetes	0	8	2,200	2,233
Gastro-Intestinal	0		1,310	1,439
Heart	9	8	848	736
Hypertension	1		596	798
Nutrition	0		635	650
Ovarian Dysfunction	14	21	524	652
Pulmonary	7	6	622	698
Rheumatic Fever	1	9	873	988
Thyroid	8	6	2,688	2,590
Dermatology	1,141	1,257	9,379	9,725
Syphilis	39	43	2,521	3,410
Neurology	327	389	5,653	5,749
*Language	10	13	3,140	3,087
Psychiatry	156	80	4,726	4,533
Children's Medicine	598	700	4,022	3,941
Adolescent Endocrine	20	6	262	246
Surgery	579	638	11,115	10,337
Fracture	2	15	2,451	2,664
Hand	4	1	112	112
Plastic Surgery	13	11	241	392
Rectal Surgery	3	5	638	681
Vascular Surgery	2	1	422	449
Gynecology	185	223	2,799	2,871
Orthopedic Surgery	588	742	7,343	7,366
Infantile	3	7	358	515
Scoliosis	9	4	177	254
Urology	175	182	3,887	4,232
Stone	0		197	196
Dentistry	242	262	3,386	3,539
Tumor	290	313	8,783	9,496
Semi-Private Tumor	33	51	285	368
General Hospital Clinics	5,986	6,526	108,496	109,810
General Hospital Totals	5,986	6,608	108,496	111,445
Ear, Nose and Throat	3,194	3,418		20,607
Eye	5,127	5,039		36,550
Eye & Ear Infirmary Totals	8,321	8,457	54,875	57,157
Combined Out-Patient Department Totals	14,307	15,065	163,371	168,602

	1952	*1951*
Total Attendance	177,678	183,667

† Restated to eliminate Staff Clinic separated from Out-Patient Department Jan. 1, 1949.
* Both veterans and non-veterans. In 1948 non-veterans carried in Neurology, veterans in Veterans Clinic.

PHILLIPS HOUSE

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	Operations
1943....	616	1,395	266	2,277	253	31,634	14—	1,275
1944....	504	1,319	257	2,080	245	30,640	15—	1,366
1945....	451	1,262	257	1,970	244	29,744	15+	1,421
1946....	521	1,280	261	2,062	242	31,469	15—	1,456
1947....	529	1,391	390	2,310	356	31,191	13+	1,580
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414

	1952	*1951*
Average number of patients per day	80—	78—
Number of beds	94	94
Percentage of beds occupied	85 %	83—%
Autopsies	62+%	70 %
Newborn infants' days treatment	149	466
Per capital earnings, excluding special nurses	36.50	34.99
Per capital earnings on special fees excluding board and special nurses	12.74	11.32
Per capital cost of food, patients only	1.83	1.77

BAKER MEMORIAL

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	Operations
1943....	1,459	4,375	775	6,609	661	95,088	14+	3,874
1944....	1,189	3,892	779	5,860	655	90,808	15+	3,759
1945....	1,198	3,598	758	5,554	644	88,279	16—	3,690
1946....	1,477	4,237	925	6,639	774	98,072	15—	4,189
1947....	1,380	4,316	954	6,650	882	91,874	13+	4,136
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875

	1952	*1951*
Average number of patients per day	242	244
Number of beds available	305	305
Percentage of beds occupied	79 %	80 %
Autopsies	62—%	62+%
Newborn infants' days treatment	948	1,349
Per capita earnings, excluding special nurses	26.16	23.77
Per capita earnings on special fees excluding board and special nurses	8.55	7.93
Per capita cost of food, patients only	1.14	1.08
Average professional fee per patient	140.74	135.38
Average Hospital charge per patient	338.84	321.80
Average Hospital charge per patient, including professional fees, but excluding special nurses	458.89	438.22

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences

	1952	1951
Boston	1,594	1,604
Massachusetts (except Boston)	4,819	4,478
Maine	144	171
New Hampshire and Vermont	321	295
Rhode Island and Connecticut	373	333
New York	128	137
Other States	227	175
British Provinces	6	27
Other Foreign Countries	8	42
Total	7,620	7,262

Combined Statistics for all Units for 1952

	General Hospital	Phillips House	Baker Memorial	Total
Number of patients admitted	10,547	2,632	7,620	20,799
Number of patients days	118,120	29,009	88,096	235,225
Number of operations	4,793	1,414	5,875	12,082
Average number of patients	325	80	242	647

RADIOLOGICAL DEPARTMENT

General Hospital

	1952	1951
House patients examined	9,438	10,795
Out-Patient Department patients examined	13,138	14,528
Emergency Ward patients examined	5,940	6,520
Total number patients examined	28,516	31,843
X-ray treatments given	8,521	10,402
Total number patients examined and treated	37,037	42,245

Phillips House

	1952	1951
House patients examined	2,084	2,663
Private patients examined	461	747
Total number patients examined	2,545	3,410
X-ray treatments given	802	873
Total number patients examined and treated	3,347	4,283

Baker Memorial

	1952	1951
House patients examined	5,537	9,671
Private patients examined	1,914	3,110
Total number patients examined	7,451	12,781
X-ray treatments given	6,493	5,796
Total number patients examined and treated	13,944	18,577

Entire Hospital (Combined Statistics)

	1952	1951
Total number patients examined	38,512	48,034
Total number treatments given	15,816	17,071
Total number patients examined and treated	54,328	65,105

Radium Therapy

Treatments given:	*1952*	*1951*
General Hospital (including Eye and Ear Infirmary)	101	143
Phillips House	11	5
Baker Memorial	42	32
Total number treatments given	154	180

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1952*		*1951*	
Out-Patient Department	5,782	(30.4%)	6,495	(32%)
General Hospital (including Eye and Ear Infirmary)	7,191	(37.8%)	6,236	(30.5%)
Phillips House	503	(2.6%)	1,839	(9%)
Baker Memorial	4,012	(21.2%)	3,906	(19%)
Private ambulatory patients	1,531	(8.0%)	1,927	(9.5%)
Total treatments given	19,019	(100%)	20,403	(100%)
New Patients	1,940		2,091	

Occupational Therapy

Treatments given:	*1952*		*1951*	
Out-Patient Department	238	(2.3%)	1,089	(8.3%)
General Hospital	8,537	(84.4%)	10,797	(82.5%)
Phillips House	27	(0.3%)	44	(0.4%)
Baker Memorial	426	(4.2%)	627	(4.8%)
Private ambulatory patients	708	(7.0%)	136	(1.0%)
Storrow House	183	(1.8%)	390	(3.0%)
Total Treatments given	10,119	(100%)	13,083	(100%)
New patients	674		948	

SCHOOL OF NURSING

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Average No. of Graduates on General Hospital Staff	101	96	96	112	140	159	181	195	195	213
Average No. of Graduates on Baker Memorial Staff	89	68	61	75	82	87	94	97	86	79
Average No. of Graduates on Phillips House Staff	49	42	41	49	57	57	61	57	56	56
Average No. Accepted Pupils	300	380	425	378	268	213	214	268	292	293
Average No. Preclinical Students	72	77	63	38	49	62	76	75	87	93
Average Total	611	633	686	682	596	578	626	692	716	734
Total No. Preclinical Students Admitted	206	219	176	110	117	135	138	140	158	150
Preclinical Students Dropped and Resigned	26	41	39	22	29	42	20	19	27	19
Accepted Pupils Dropped and Resigned	19	24	34	43	12	8	4	4	21	20
Total Dropped and Resigned	45	65	73	65	41	50	24	23	48	39
Average No. of Graduates on General Hospital Staff—*Part time			7	10	13	14	15	14	11	7
Average No. of Graduates on Baker Memorial Staff—Part time			5	6	6	7	9	6	4	8
Average No. of Graduates on Phillips House Staff—Part time			24	17	13	10	8	7	6	3
Total Part time graduates			36	33	32	31	32	27	21	18

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1951	*1952*
tal Number of In-Patient Days*	233,092	233,890
tal Income	$6,602,821.36	$6,941,795.74
Deduct Non In-Patient Income:		
Other Income	1,332,208.57	1,329,661.35
Out-Patient Department	405,770.40	400,406.00
Emergency Ward	49,020.67	66,463.50
Private Ambulatory	133,080.92	142,307.75
	1,920,080.56	1,938,838.60
al In-Patient Income	$4,682,740.80	$5,002,957.14
ome Per In-Patient Day	$20.01	$21.39
al Expenses	$8,935,966.77	$9,286,423.85
Deduct Non In-Patient Expense:		
Non-Operating & Research	1,347,078.12	1,481,856.45
Non-Patient	777,417.98	892,134.73
Out-Patient Department	710,432.64	726,899.96
Emergency Ward	146,576.74	165,108.60
Private Ambulatory	120,858.16	121,137.13
	3,102,363.64	3,387,136.87
al In-Patient Expense	$5,833,603.13	$5,899,286.98
t Per In-Patient Day	$25.03	$25.22

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1935 TO DECEMBER 31, 1952

	General Hospital												Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths									Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average		New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	
1935	8,205	4,446	1,914	1,845	59,025	77,454	497	6.06	415	288	374 −		38,088	298,471	1,782	48	2.69	80	37	60 +	4,805	186	3.87	226	130	179 −	
1936	7,931	4,798	1,436	1,697	62,922	78,110	459	5.66	421	298	385 +		37,067	253,025	2,218	62	2.79	98	43	78 +	5,319	185	3.47	234	149	195 −	
1937	7,784	4,383	1,668	1,733	65,047	67,225	426	5.47	405	271	362 +		33,669	265,987	2,323	69	2.97	100	41	82 −	5,523	187	3.39	239	141	204 +	
1938	7,490	4,222	1,580	1,688	67,788	64,579	366	4.89	395	303	363 −		30,997	279,096	2,487	58	2.33	99	53	81 −	5,439	201	3.70	244	149	206 +	
1939	7,220	3,895	1,545	1,780	69,642	64,827	386	5.35	398	309	368 +		28,564	323,039	2,400	53	2.21	102	53	85 +	5,732	171	2.98	243	131	208 +	
1940	7,591	4,249	1,523	1,819	75,458	68,834	390	4.91	421	323	394 +		26,607	317,708	2,450	58	2.29	101	47	88 −	6,158	180	2.92	281	155	232 −	
1941	7,622	4,504	1,221	1,897	77,879	67,086	389	5.10	429	325	397 +		26,385	289,306	2,409	61	2.53	102	61	89 +	6,775	195	2.88	292	172	254 +	
1942	7,823	4,874	1,361	1,588	91,341	54,938	389	4.97	438	340	401 +		27,712	266,272	2,392	70	2.93	102	52	88 +	6,692	183	2.73	299	189	255 +	
1943	7,910	5,473	1,156	1,281	111,043	36,324	403	5.09	439	281	404 −		22,576	235,708	2,277	75	3.29	101	63	87 −	6,609	184	2.79	304	208	261 −	
1944	7,677	5,783	761	1,133	†72,423	†73,308	409	5.33	437	315	398 +		21,391	234,058	2,080	50	2.40	94	55	84 −	5,860	162	2.76	276	204	248 +	
1945	7,532	5,896	496	1,140	62,737	8,537	410	5.44	438	280	395 −		20,287	226,978	1,970	68	3.45	94	56	81 +	5,554	146	2.61	271	188	242 −	
1946	7,227	5,800	656	771	58,358	77,466	359	4.97	448	274	372 +		21,678	237,630	2,062	60	2.90	97	63	86 +	6,639	164	2.46	305	217	272 −	
1947	7,594	5,589	1,263	742	66,499	60,204	417	5.49	380	268	342 +		21,448	229,095	2,310	57	2.47	96	55	85 +	6,650	178	2.68	298	210	251 −	
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344 −		23,051	210,084	2,277	67	2.94	96	46	79 −	7,312	192	2.48	319	189	268 +	
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348 +		19,179	206,826	2,257	55	2.44	95	40	77 −	7,112	181	2.54	300	126	230 +	
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340 −		16,590	195,849	2,494	72	2.88	76	37	79 −	7,190	202	2.81	283	151	248 +	
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291 +		15,065	183,667	2,440	66	2.78	100	41	78 −	7,262	199	2.74	302	146	244 +	
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325 −		14,307	177,657	2,632	88	3.34	103	45	80 −	7,620	194	2.54	300	145	242 +	

Total number of patients admitted to General Hospital from the year 1821 — 482,250
" " " " " " Phillips House " " " " 1917 — 78,222
" " " " " " Baker Memorial " " " 1930 — 137,137

697,609

†See footnote, page 105 (General Statistics).

MASSACHUSETTS GENERAL HOSPITAL—INCOME STATEMENT
THIRTEEN PERIODS ENDING DECEMBER 28, 1952

GROSS EARNINGS AT STANDARD RATE	Total 1951	Total 1952	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory
Day Rate Service . .	$3,977,827.51	$4,375,131.31	$ 741,411.36	$1,665,732.72	$1,967,987.23	.....	.....	.....
Out-Patient Adm. Fees	288,153.49	294,594.63	.....	.....	.....	294,594.63	.....	.....
Emergency Ward Fees	55,266.44	60,979.71	.....	.....	.....	.....	60,979.71	.....
Operating Room. . .	432,349.70	445,927.67	76,895.16	219,943.86	143,232.60	33.00	398.55	5,424.50
Delivery Room . . .	9,332.00	5,800.00	855.00	4,945.00	.....	.....	.....	.....
Anesthesia	192,625.65	202,711.65	43,147.50	108,037.55	50,628.60	120.00	238.50	539.50
X-Ray	543,005.10	567,142.65	87,462.50	139,223.50	124,189.00	108,533.80	23,922.50	83,811.35
Laboratories	400,105.66	418,884.04	86,484.25	137,429.65	124,701.44	27,736.70	3,822.00	38,710.00
Blood Bank	191,539.55	188,999.99	32,388.00	75,132.50	78,688.49	30.00	2,716.00	45.00
Physical Therapy . .	43,211.83	48,534.65	2,667.50	12,339.00	18,220.65	1,340.25	.....	13,967.25
Pharmacy	261,032.53	240,764.82	14,319.78	35,521.46	49,181.90	140,886.45	824.43	30.80
Occupational Therapy	4,899.12	2,843.61	11.95	112.65	1,051.01	.....	.....	1,668.00
Ambulance	3,662.80	581.00	.....	*7.00*	533.00	.....	55.00	.....
Surgical Apparatus .	20,704.53	20,432.05	1,844.75	7,587.95	995.05	9,272.15	.....	732.15
Inhalation Therapy .	40,108.71	43,782.61	6,507.98	12,590.20	24,684.43	.....	.....	.....
Total Earnings from Services to Patients	6,463,824.62	6,917,110.39	1,093,995.73	2,418,589.04	2,584,093.40	582,546.98	92,956.69	144,928.55
Deductions from Earnings Charity Allowances	837,366.96	781,393.59	.....	5,118.40	571,030.76	182,140.98	22,263.45	840.00
Other Rebates and Losses	226,876.92	309,044.76	23,685.34	66,942.60	212,491.58	.....	4,229.74	1,695.50
Net Provision for Doubtful Accounts	128,967.95	214,537.65	654.49	*11,163.50*	224,961.36	.....	.....	85.30
Total Deductions . .	1,193,211.83	1,304,976.00	24,339.83	60,897.50	1,008,483.70	182,140.98	26,493.19	2,620.80
Net Earnings from. . Services to Patients	5,270,612.79	5,612,134.39	1,069,655.90	2,357,691.54	1,575,609.70	400,406.00	66,463.50	142,307.75
Dietary	307,236.70	305,578.62	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,024,971.87	1,024,082.73	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	6,602,821.36	6,941,795.74	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Expense Statement

	Total 1952
Administration and General	$ 346,680.42
Housekeeping	229,937.55
Laundry & Linen	138,379.51
Plant Operation	95,275.81
Plant Maintenance	109,251.51
Maintenance of Personnel	—
Nutrition	696,967.00
Medical-Surgical Service	776,450.17
Nursing Service	1,300,473.93
Nurses Training School	558,109.17
Pharmacy	93,888.86
Social Service	89,780.19
Medical Records & Library	27,269.34
Inhalation Therapy	28,924.00
Operating Room	484,539.95
Anesthesia	172,815.40
X-Ray	433,941.07
Laboratories	419,085.23
Blood Bank	143,672.61
Physical Therapy	51,574.46
Occupational Therapy	16,846.33
Ambulance	557.75
Pharmacy (Drugs Sold)	55,402.56
Surgical Apparatus	30,479.50
Out-Patient Department	541,751.95
Emergency Ward	125,780.96
Other Non-Patient Expenses	836,732.17
	$7,804,567.40
Non-Operating and Research Expense	1,481,856.45
Total	$9,286,423.85
Salaries and Wages	5,960,141.09
Supplies and Expenses	3,326,282.76
Total	$9,286,423.85

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1951*	*Total 1952*
Earnings from services to patients		
Private Patients	$1,032,831.54	$1,093,995.73
Semi-Private Patients	2,247,506.40	2,418,589.04
Ward Patients	2,378,496.64	2,584,093.40
Out-Patient Department	560,023.14	582,546.98
Private Ambulatory	137,509.07	144,928.55
Emergency Ward	107,457.83	92,956.69
Total Earnings From Services To Patients	$6,463,824.62	$6,917,110.39
Less:—Deductions from earnings:		
Charity Allowances	$ 837,366.96	$ 781,393.59
Other Rebates and Losses	226,876.92	309,044.76
Net Provision for Doubtful Accounts	128,967.95	214,537.65
Total Deductions from Earnings	$1,193,211.83	$1,304,976.00
Net Earnings From Services to Patients	5,270,612.79	5,612,134.39
Other Income	1,332,208.57	1,329,661.35
Total Income	$6,602,821.36	$6,941,795.74
Operating Expenses		
Professional Care of Patients	$5,482,330.80	$5,698,561.51
Dietary Expenses	688,101.67	696,967.00
Housekeeping	230,052.92	229,937.55
Laundry & Linen	156,723.33	138,379.51
Plant Operation & Maintenance	254,261.95	203,989.66
Other Non-Patient Expenses	777,417.98	836,732.17
Total Operating Expenses	7,588,888.65	7,804,567.40
Net Operating Deficit	986,067.29	862,771.66
Add:—Non-Operating & Research Expenses	1,347,078.12	1,481,856.45
Net Deficit	2,333,145.41	2,344,628.11
Available From Treasurer For Expenses At Hospital	2,160,807.10	2,245,346.51
Final Deficit—Withdrawn From General Fund Principal	$ 172,338.31	$ 99,281.60

MASSACHUSETTS GENERAL HOSPITAL

STATEMENT OF STOCK ON HAND DECEMBER 28, 1952 AND DECEMBER 31, 1951

	Dec. 28 1952	*Dec. 1 1951*
General Hospital Apothecary Out-Patient Department Apothecary	$238,504.36	$227,147.88
General Hospital Upper Store	141,884.08	211,606.95
General Hospital Lower Store	33,935.03	45,427.32
General Hospital Maintenance	143,486.13	151,965.47
General Hospital Postage	939.67	982.58
General Hospital Print Shop	6,764.46	7,468.19
Other	104,523.95	102,406.17
Total Stock on Hand	$670,037.68	$747,004.56

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year of 1952, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

During the year the Hospital adopted as its new accounting period a fiscal year ending September 30, in lieu of a calendar year. Accordingly, this report covers the period of nine months ended September 30, 1952.

THE MASSACHUSETTS GENERAL HOSPITAL
COMPARATIVE YEAR-END BALANCE SHEET

	Sept. 30, 1952	*Dec. 31, 1951*
ASSETS		
CASH	$1,847,453.45	$1,325,785.43
INVESTMENTS		
Bonds	8,996,927.69	7,791,785.51
Stocks	10,055,259.10	9,237,284.90
Notes and Commercial Paper	1,292,994.79	2,086,612.50
Real Estate	277,210.50	107,135.50
NOTES RECEIVABLE	39,825.00	20,750.00
ACCOUNTS RECEIVABLE—PATIENTS AND OTHERS (Less Reserve for Bad Debts)	1,009,178.41	962,798.65
INVENTORIES OF SUPPLIES—AT COST	685,401.96	747,004.56
PREPAID ITEMS	24,759.48	22,308.93
INTEREST IN UNSETTLED ESTATES	8.00	8.00
PLANT	16,598,754.41	14,562,822.55
CONSTRUCTION ACCOUNTS	342,391.84	2,142,311.29
	$41,170,164.63	$39,006,607.82
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 285,544.27	$ 306,406.17
GENERAL FUND		
Treasurer's Account	1,356,900.25	– 109,244.59
Director's Account	1,587,582.11	1,455,837.44
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	3,597,083.20	3,571,901.54
Restricted as to Income	12,328,579.34	12,151,320.76
McLEAN HOSPITAL ENDOWMENT FUNDS	849,773.53	880,760.96
BUILDING FUNDS	1,078,817.49	2,964,298.71
FIDUCIARY FUNDS	322,004.87	312,791.13
FUNDS INVESTED IN PLANT	16,598,754.41	14,562,822.55
TEMPORARY FUNDS		
General Hospital	1,451,076.52	1,358,773.75
McLean Hospital	152,613.64	42,328.05
Fiduciary	4,768.52	6,020.67
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	1,556,666.48	1,502,590.68
	$41,170,164.63	$39,006,607.82

Note 1. Funds aggregating $293,935.51 have been expended by the Trustee under the will of Mrs. Mary Bartlett Noyes toward construction costs of the new nurses' home at The Massachusetts General Hospital. This amount is not reflected in this balance sheet. Inasmuch as the total cost of the project is expected to be substantially in excess of the funds available from the Trust, it is the intent of the Treasurer to record the total contribution by the Trust at such time as the available funds are exhausted.

Note 2. In accordance with the period calendar in use at the Hospital, the assets and liabilities comprising the Director's account of the General Fund are stated as of October 5, 1952.

GENERAL HOSPITAL
CONDENSED INCOME STATEMENT

	1952 (*Dec. 31-Oct. 5*)	*1951* (*Jan. 1-Dec. 30*)
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 216,286.25	$ 257,358.31
Annual Free Beds	8,637.00	9,151.95
Restricted	783,059.21	966,631.95
	$1,007,982.46*	$1,233,142.21*
INCOME FROM INVESTMENTS		
Unrestricted	$ 161,556.01	$ 215,028.38
Restricted	451,523.25	643,988.21
	$ 613,079.26	$ 859,016.59
OTHER INCOME		
From Trusts and Agents	$ 12,683.87	$ 35,896.32
Contributions for Connecting Building	12,010.00	15,516.77
Huntington Memorial Hospital	5,952.91	7,616.23
Miscellaneous	99,275.62	54,555.38
	$ 129,922.40	$ 113,584.70
TOTAL	$1,750,984.12	$2,205,743.50
PAYMENTS FROM INCOME		
Added to Principal	$ 17,036.39	$ 33,739.20
Payments to Life Interests	505.66	761.33
Treasurer's Payments from Funds and Miscellaneous	28,505.29	10,435.87
	$ 46,047.34	$ 44,936.40
TREASURER'S NET RECEIPTS	$1,704,936.78	$2,160,807.10
HOSPITAL EXCESS OF EXPENSES	1,793,285.59	2,333,145.41
DEFICIT—WITHDRAWN FROM GENERAL FUND PRINCIPAL	$ 88,348.81	$ 172,338.31

*Includes United Community Services Allocations of $252,500 in 1951 and $204,681 (based on full year allocation of $272,909) in 1952.

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT

	1952 (Nine Months)	*1951 (Twelve Months)*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 0	$ 1,000.00
Restricted	22,531.96	25,349.31
	$22,531.96	$26,349.31
INCOME FROM INVESTMENTS		
Unrestricted	$14,737.30	$19,382.94
Restricted	18,655.47	26,107.48
	$33,392.77	$45,490.42
OTHER INCOME		
From Trusts and Agents	$ 1,545.00	$ 3,978.04
Miscellaneous	10,655.79	5,571.80
	$12,200.79	$ 9,549.84
TOTAL	$68,125.52	$81,389.57
PAYMENTS FROM INCOME		
Added to Principal	$ 75.90	$ 0
Expenses Paid from Funds	6,041.37	6,683.12
	$ 6,117.27	$ 6,683.12
TREASURER'S NET RECEIPTS	$62,008.25	$74,706.45
HOSPITAL EXCESS OF EXPENSES	97,022.33	51,872.54
GAIN—ADDED TO FUNDS		$22,833.91
DEFICIT—WITHDRAWN FROM FUNDS	$35,014.08	

GENERAL FUND

	Principal
FOR ANY HOSPITAL PURPOSE	$1,356,900.25

GENERAL HOSPITAL FUNDS

	Income	Principal
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		$ 22,640.90
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	170.93	8,000.00
JOHN ASHTON FUND For diseased and wounded soldiers. Bequest $22,176.47 Income Added 3,815.91		25,992.38
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		19,425.46
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	990.60	5,921.20
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.		31,091.67
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.		25,000.00
Carried forward	$1,161.53	$172,112.43

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$1,161.53	$172,112.43
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND		6,289.02
Income for any Hospital purpose.		
Bequest of Mrs. George W. W. Brewster $5,000.00		
Sundry Gifts 1,289.02		
ANNIE BOLTON MATTHEWS BRYANT FUND		72,093.70
Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		
ARTHUR TRACY CABOT FUND		20,000.00
Income for support of laboratories.		
RICHARD C. CABOT FUND		42,810.98
For educational purposes in connection with the work of the Social Service Department.		
Sundry Gifts $32,160.49		
Income Added 10,650.49		
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND	40.43	1,000.00
Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service."		
Gift of American Association of Hospital Social Workers.		
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION		10,000.00
Income for salary of Surgical Pathologist.		
Gift of Samuel and Dr. Arthur T. Cabot.		
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND	525.45	6,858.48
Gifts of "Friends of the Hospital".		
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		301,689.49
Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		
Gifts of		
William E. Schrafft $100,000.00		
Mrs. William E. Schrafft 6,000.00		
Anonymous 10,000.00		
Mrs. James E. Cooper 10,000.00 "In Memory of My Husband, James Earnest Cooper"		
William E. Schrafft and Bertha E. Schrafft Charitable Trust 88,000.00		
Sundry Gifts 40,156.16		
Income added 47,533.33		
Carried forward	$1,727.41	$632,854.10

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$1,727.41	$632,854.10
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital Sundry Gifts and Bequests	9,766.45	491,252.01
URIEL H. CROCKER FUND Income "to be used in the manner that said Hospital shall determine to be for the best interests of the Hospital." Bequest of Mrs. Annie J. Crocker		44,806.24
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	147.90	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		100,000.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine. Gift of Charles H. and Henry R. Dalton $10,000.00 Bequest of Charles H. Dalton 15,000.00 Bequest of Henry R. Dalton .... 5,000.00 Income Added 5,000.00	1,383.16	35,000.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."	146.53	20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	4,225.33	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	2,438.85	66,164.36
Carried forward	$19,835.63	$1,451,824.62

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$19,835.63	$1,451,824.62
DWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards ..... 391,447.56 Sundry Bequests 100.00	17,861.35	391,547.56
)HN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	434.01	20,114.22
ABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
'ANS-ELLIS FUND Income for any Hospital purpose. Bequest of Augustus H. Ellis.		281,255.48
RAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	184.02	1,398.42
ANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,190.56	25,000.00
EE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	15,472.49	4,108,304.95
S. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	545.05	1,000.00
LAN W. HAMILTON FUND For medical services in the Out-Patient Department.		2,027.03
IGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
Carried forward	$55,523.11	$6,382,225.44

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$55,523.11	$6,382,225.44
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		2,367,485.17
HENRY CLAY JACKSON FUND Income for the general purposes of the Hospital. Gift of Paul Wilde Jackson Trust.		58,000.00
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns. Sundry Gifts $10,230.12 Income Added 459.88	994.13	10,690.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.		44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	841.57	11,220.00
NATHANIEL T. KIDDER FUND Income for the general purposes of the Hospital.		690,137.61
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	273.53	10,190.00
Carried forward	$57,632.34	$9,691,465.61

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$57,632.34	$9,691,465.67
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	29.33	121.36
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	84.18	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00		4,080.53
SAMUEL J. MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	4,006.07	15,005.81
MORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
ANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		712,570.97
Carried forward	$61,751.92	$11,131,745.69

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$61,751.92	$11,131,745.69
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.	16.90	68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.	1,847.60	26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	37.08	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	9.21	3,171.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.		25,000.00
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,181.16	2,055.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	1,463.34	21,051.38
Carried forward	$66,307.21	$11,416,502.95

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$66,307.21	$11,416,502.95
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
EDWARD PIERSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	1,200.57	15,000.00
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones $25,200.00 Dr. Edward P. Richardson 5,000.00 Mrs. Maurice Howe Richardson 5,000.00 Sundry Gifts 5,200.00	5,254.52	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson $222,296.87 Income Added 53,844.75		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic. Sundry Gifts $5,469.50 Income Added 2,104.60		7,574.10
MARY ELIZABETH SALTONSTALL FUND "Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		976,965.77
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	5,635.58	25,000.00
Carried forward	$78,397.88	$13,227,697.78

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$78,397.88	$13,227,697.78
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	393.82	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service. Gift of Mrs. Shepherd Brooks .... $15,000.00 Bequests of Miss Ellen G. Cary ..... 25,000.00 Miss Fanny P. Mason ..... 25,000.00 Mrs. Charlotte S. Sprague .... 13,229.23 Mrs. Nathaniel Thayer ..... 10,000.00 Sundry Gifts 18,764.89		106,994.12
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	26.50	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	194.25	725.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00		6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	2,468.58	5,583.20
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	698.66	3,450.00
Carried forward	$182,179.69	$13,718,140.88

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$182,179.69	$13,718,140.88
TRAINING SCHOOL FOR NURSES FUND .... Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND ..... Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	2,337.45	7,555.00
LAWRENCE TUCKER FUND ..... So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.	−19.99	429,753.01
TROLOGICAL PERIODICALS FUND ..... Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	128.71	1,000.00
WARREN LIBRARY FUND ..... Income for books for patients. Sundry Gifts and Bequest.	1,286.67	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND ..... "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND ..... To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury ..... $2,885,864.42 Sundry Gifts 3,657.50		2,889,521.92
GEORGE ROBERT WHITE FUND ..... "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
GEORGE WIGGLESWORTH FUND ..... Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		54,291.12
WOODEN LEG FUND ..... Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	361.70	7,600.00
Carried forward	$86,274.23	$17,387,540.66

GENERAL HOSPITAL FUNDS (Continued)	Income	Principal
Brought forward	$86,274.23	$17,387,540.66
TEMPORARY FUNDS		
Special Purposes	1,217,205.44	
Endowment Income Undistributed to Funds	147,596.85	
TOTAL GENERAL HOSPITAL FUNDS	$1,451,076.52	$17,387,540.66

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	333,605.81
MASSACHUSETTS GENERAL HOSPITAL RESEARCH BUILDING FUND For a research laboratory building.	358,683.13
NEW LAUNDRY FUND For the construction of a new laundry, or such other purpose as the Trustees may determine.	111,042.85
NURSES' HOME BUILDING FUND For the construction of a new Nurses' Home	95,152.67
PATHOLOGY BUILDING FUND For the construction of a new unit for the Pathology Department.	49,255.12
CHILD PSYCHIATRY UNIT FUND For addition to Burnham Building	48,667.91
MALLINCKRODT WARD FUND For alterations to Ward 4	80,000.00
SUNDRY FUNDS	2,410.00
TOTAL BUILDING FUNDS	$1,078,817.49

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.	$	$ 21,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney.		1,500.00
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
Carried forward		$32,635.00

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$	$32,635.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room. Sundry Gifts $ 811.90 Income Added 4,188.10	269.04	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,737.45
GENERAL FUND For any Hospital purpose.		222,301.05
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	235.18	2,285.95
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.	–141.55	2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS Special Purposes Endowment Income Undistributed to Funds	146,476.93 5,774.04	
TOTAL McLEAN HOSPITAL FUNDS	$152,613.64	$912,510.37

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.	$	$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		1,900.05
THEODORE JEWETT EASTMAN FREE BED FUND ..... Income payable to a life interest.		14,300.50
ETHER CENTENNIAL SUSPENSE FUND .... For such use as the Trustees may designate.		14,508.37
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decrease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	2,273.85	10,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND ..... Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship. Gift of Dr. Chester M. Jones .... $8,602.72 Sundry Gifts ..... 3,900.00 Income Added 2,833.39		15,336.11
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
Carried forward	$2,273.85	$82,250.65

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$2,273.85	$82,250.65
FANNIE NEWELL SIMES FUND Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL TRAINING SCHOOL FOR NURSES ENDOWMENT FUND Income to be used as directed by vote of the Committee created under the Deed of Gift. Gifts of Massachusetts General Hospital Nurses Alumnae Association $15,421.82 Gift and Bequest of Miss Pauline L. Dolliver 10,663.73 Bequest of Mrs. Nathaniel Thayer 10,000.00 Sundry Gifts and Bequests 14,111.12 Income Added 98,592.55		148,789.22
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	2,494.67	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		12,759.91
Total Fiduciary Funds	$ 4,768.52	$277,689.62

SUMMARY

Principal Funds	$21,013,458.39
Temporary Funds	1,608,458.68
Funds Invested in Plant	16,598,754.41
General Hospital Director's Account	1,587,582.11
	$40,808,253.59
Loss	1,480,299.71
Net Funds	$39,327,953.88

Examination of Accounts

January 6, 1953

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1952 and the related condensed income statements of the General Hospital and the McLean Hospital for the nine months ended at that date.

In accordance with the vote of the Trustees, the hospital has adopted as its new accounting period a fiscal year ending September 30, in lieu of a calendar year. Accordingly this report covers the results for the nine months ended September 30, 1952.

Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and notes appended thereto, and related statements of income and funds present fairly the financial position of The Massachusetts General Hospital at September 30, 1952, and the results of its operations for the nine months ended at that date, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

Patterson, Teele and Dennis.

GIFTS AND BEQUESTS, 1952

(January 1-September 30)

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. William Bennett	$ 1,504.37	
Miss Minna B. Hall	5,000.00	
Miss Agnes B. Hudson	100.00	
Mr. William Howell Reed	2,663.77	
Miss Lillian C. Rogers	4,000.00	
Mr. John I. Sweetnam	200.00	
Mrs. Elizabeth R. Vaughan	436,712.50	
Mrs. H. Sylvia A. H. G. Wilks	822,695.91	$1,272,876.55
Gifts of		
Anonymous	$372,825.00	
Mr. John C. Makepeace	500.00	
Committee of the Permanent Charity Fund Incorporated	1,000.00	374,325.00
		$1,647,201.55

GENERAL HOSPITAL FUNDS

LILLIAN DOBIE BALBONI MEMORIAL FUND

Gifts of		
Mr. Luigi Arone	5.00	
Miss Caroline Baker	10.00	
Mr. John N. Marinoni	100.00	
Mr. William Razeto	10.00	
Sacred Heart Church, Boston	50.00	175.00

CONVALESCENT HOSPITAL FUND

Gifts of		
Mr. Theodore O. Nicholson	$ 500.00	
Trustees u/w Mrs. Helen O. Storrow	2,106.49	2,606.49

MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES

Gifts of		
Mrs. Lon L. Fuller	$ 100.00	
Mrs. William E. Schrafft	6,000.00	
William E. Schrafft and Bertha E. Schrafft Charitable Trust	12,000.00	18,100.00
Carried forward		$1,668,083.04

Brought forward		$1,668,083.04
CAROLINE ENGSTROM DAHL FUND		
Bequest of Mr. Richard Engstrom		100,000.00
EDWARDS MEMORIAL FUND		
Bequest of Miss Gertrude Newman		100.00
INCOME UNRESTRICTED FUND		
Bequest of Miss Elizabeth Blaney "In Memory of Leonard Fowle"		5,000.00
DANIEL FISKE JONES MEMORIAL FUND		
Gift of Mrs. Daniel Fiske Jones		40.00
MARY FIFIELD KING FUND		
Gift of Trustee u/w Mary Fifield King		20,000.00
JAMES E. MELVIN FUND		
Bequest of Mrs. Clara M. Melvin		22.75
SAMUEL J. MIXTER FUND		
Gifts of		
Mr. William T. Crawford	$ 1,000.00	
Mrs. George W. Mixter	250.00	1,250.00
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND		
Bequest of Mrs. Elsa Mason Lord Peabody		25,000.00
ELSIE M. ROBBINS SOCIAL SERVICE FUND		
Sundry Gifts in Memory of the Rev. J. J. Cogan		68.00
GEORGE ROBERT WHITE FUND		
Bequest of Mrs. Harriet J. Bradbury		12,295.20
CHILDREN'S FREE BED FUND		
Gifts of		
Miss Caroline Baker	$ 5.00	
Mr. Joseph Colarusso	5.00	
Mr. Vincent Gregorio	3.00	
Miss Mildred Lunardini	2.00	
Mr. Nicola Rosetti	1.00	16.00
UNRESTRICTED FREE BED FUNDS		
Bequests of		
Miss Mary M. J. Egar for the Jessie Houston Egar Free Bed Fund	$ 102.17	
Mr. Luther Farnham for the Luther Farnham Free Bed Fund	328.24	430.41
Carried forward		$1,832,305.40

Brought forward		$1,832,305.40

BUILDING FUNDS

GENERAL BUILDING FUND

Gifts of

Mr. and Mrs. Gordon Abbott	$ 100.00	
Aberthaw Company	100.00	
Mr. Roger Amory	100.00	
Mr. and Mrs. O. Kelley Anderson	100.00	
Anonymous—Five Gifts	2,700.00	
B-W Charity Fund Inc.	100.00	
Mrs. Arthur E. Barter	2,000.00	
"In Memory of Arthur Everett Barter"		
Mr. Paul Bernat	100.00	
Mr. Reginald W. Bird	200.00	
Mr. Charles M. Black	210.00	
Mr. and Mrs. Campbell Bosson	107.50	
Mr. Ralph G. Boyd	100.00	
Mr. and Mrs. J. Gardner Bradley	150.00	
Miss Sarah F. Bremer	100.00	
Mr. Elliot W. Brown	100.00	
Mrs. Henry D. Burnham	100.00	
Mrs. George A. Bushee	100.00	
Mr. U. M. Carlton	100.00	
Carpenter & Paterson, Inc.	100.00	
Mr. and Mrs. Theodore Chase	100.00	
Mr. and Mrs. Nathaniel T. Clark	150.00	
Mr. Filippo Colasanti	110.00	
Mr. and Mrs. Parker Converse	100.00	
Mr. and Mrs. C. E. Cotting	500.00	
Miss Sandra Countway	1,000.00	
"In Memory of David L. Countway"		
Miss Lucy Clarendon Crehore	200.00	
Rev. and Mrs. John Crocker	100.00	
Mrs. Louis Curtis, Sr.		
Mr. and Mrs. Louis Curtis	100.00	
Mr. Harold G. Cutler	100.00	
Mrs. George L. DeBlois	250.00	
Mrs. Margarita de Sillery	100.00	
Mr. David C. Ditmore	100.00	
Doelcam Corporation	100.00	
Draper Top Company	500.00	
Mrs. Marshall Dwinnell	100.00	
Mrs. William Emerson	500.00	
Mr. A. P. Everts	100.00	
Mrs. Eliot Farley	100.00	
Mr. William Ferguson	446.88	
Mr. Cyrus Y. Ferris	200.00	
First National Stores Inc.	2,500.00	
Mrs. Stephen S. FitzGerald	500.00	
Mr. F. C. Fletcher	500.00	
Mrs. Waldo E. Forbes	200.00	
Carried forward	$15,424.38	$1,832,305.40

Brought forward	$15,424.38	$1,832,305.40
Mr. and Mrs. William Tudor Gardiner	100.00	
The General Thread Mills, Inc.	100.00	
Barnett D. Gordon Family Foundation	100.00	
Great Northern Paper Company	500.00	
Mr. and Mrs. Merrill Griswold	1,250.00	
Mr. and Mrs. Harold A. Grout	100.00	
Mrs. Richard Grozier	100.00	
Mr. Joel D. Harvey	100.00	
Mr. and Mrs. W. A. Harvey	500.00	
Mr. and Mrs. Merrill G. Hastings	100.00	
Mrs. Conrad P. Hatheway	5,000.00	
The Hopedale Foundation	2,500.00	
Miss Jane P. Hunnewell	100.00	
Mr. Willard P. Hunnewell	100.00	
Mrs. P. T. Jackson	100.00	
Mr. James L. Jenks, Jr.	100.00	
Mr. and Mrs. Shaun Kelly	100.00	
Mrs. George C. Lee	250.00	
Arthur D. Little, Inc.	200.00	
Lombard Governor Corporation	1,000.00	
Mr. William B. Long	250.00	
Princess Marie of Greece	200.00	
Dr. and Mrs. J. J. Michelsen	150.00	
Mrs. Valerie Veasey Miller	100.00	
New England Electrotype Co.	150.00	
Dr. Morris J. Nicholson	100.00	
Mr. Walter C. Paine	200.00	
Miss Amelia Peabody	4,930.00	
Penn Metal Company, Inc.	500.00	
Mr. and Mrs. Dudley L. Pickman	100.00	
Mr. Frederick S. Pratt	200.00	
Reed & Barton	1,000.00	
Mr. Franklin Remington	200.00	
Mr. Elliot L. Richardson	500.00	
Mr. Dudley P. Rogers	500.00	
Mr. Philip Rubenstein	100.00	
Miss Mabel Sturgis	100.00	
Miss Beatrice Talbot	100.00	
Mr. William O. Taylor	100.00	
Mr. C. W. Ten Broeck	100.00	
Mr. Charles W. Thiery	100.00	
Miss Alice A. Thorp	100.00	
Mr. and Mrs. Franklin T. Towle	100.00	
Miss Elizabeth Townsend	100.00	
Miss Grace W. Treadwell	100.00	
The Tredennick-Billings Co.	250.00	
Carried forward	$38,154.38	$1,832,305.40

Brought forward	$38,154.38	$1,832,305.40
S. H. Waldstein Co., Inc.	100.00	
Mr. John Ward	100.00	
Mrs. Guy Waring	100.00	
Mr. Leeds A. Wheeler	100.00	
The Whitinsville Foundation	1,000.00	
Miss M. A. Willcox	100.00	
Mr. Kennard Winsor	100.00	
Mr. George L. Wrenn, 2nd	250.00	
*756 Donations of under $100.00	11,736.25	51,740.63

CHILD PSYCHIATRY UNIT

Gifts of

Dr. and Mrs. Henry S. Forbes	$ 5,196.75	
Godfrey M. Hyams Trust	40,000.00	45,196.75

NURSES' HOME BUILDING FUND

Gifts of

Miss Olive A. Alling	$ 100.00	
Rt. Rev. Robert P. Barry	100.00	
1st Lt. Jessie E. Brown	150.00	
Miss Nona M. Dougherty	100.00	
Mrs. F. W. Hilles	500.00	
Godfrey M. Hyams Trust "In Memory of Isabel F. Hyams and Sarah A. Hyams"	50,000.00	
Mrs. Andrew Mason	1,000.00	
Mrs. Thomas Motley	100.00	
Mrs. Richard H. Sweet	100.00	
*112 Donations of Under $100.00	1,506.63	53,656.63

PATHOLOGY BUILDING FUND

Gifts of

Mr. Frank W. Abbott	$ 100.00	
Dr. Matthew J. Bachulus	100.00	
Mr. and Mrs. Augustus H. Eustis	100.00	
Mr. Francis Hastings	100.00	
*41 Donations of Under $100.00	729.00	1,129.00

TRACY B. MALLORY MEMORIAL FUND — PATHOLOGY BUILDING

Gifts of

Dr. J. William Dulin	$ 100.00	
Mr. Marcy Eager	100.00	
Dr. Marshal Fabyan	100.00	
Dr. Harlan I. Firminger	100.00	
Dr. Lloyd C. Hawes	100.00	
Dr. Charles S. Kubik	430.00	
*42 Donations of Under $100.00	801.00	1,731.00
Carried forward		$1,985,759.41

*The publication of these 951 names would require 18 additional pages. They are regretfully omitted in the interest of economy.

Brought forward		$1,985,759.41
RESEARCH BUILDING FUND		
Gifts of		
Mr. Albert K. Goldman	$ 100.00	
Mr. Henry P. Kendall	500.00	
Miss Mary Byers Smith	100.00	700.00
		$1,986,459.41

McLEAN HOSPITAL FUNDS

GENERAL FUND		
Gifts of		
Mr. Morris F. LaCroix	$ 1,000.00	
Mr. William H. Nye	1,000.00	2,000.00
WENTWORTH HIGGINSON BARNEY FUND		
Gift of Dr. J. Dellinger Barney		1,500.00
ANNABELLA McCRAE SCHOLARSHIP FUND		
Gift of McLean Hospital Nurses Alumni Assn.		150.75
TOTAL PRINCIPAL FUNDS		$1,990,110.16

INCOME FUNDS

ANNUAL FREE BEDS FOR 1952

Gifts of

Dr. F. Dennette Adams	$ 75.00
Mr. and Mrs. Philip R. Allen	400.00
Mrs. William H. Ames	200.00
Mr. Francis Henry Appleton "In Memory of Fanny Tappan Appleton" "In Memory of Francis Henry Appleton"	200.00
Mr. and Mrs. Nelson S. Bartlett	100.00
Mrs. Edward B. Bayley	100.00
Mr. Thomas P. Beal "In Memory of Mrs. Ida DeFord Beal"	100.00
Mr. and Mrs. Thomas P. Beal	100.00
Mrs. Arthur W. Bell	100.00
Mrs. Arthur T. Bradlee "In Memory of Arthur Tisdale Bradlee"	100.00
Mrs. J. D. Cameron Bradley	100.00
Mr. Gorham Brooks	150.00
Miss Ellen T. Bullard	100.00
Mr. David C. Crockett	200.00
Mr. and Mrs. S. V. R. Crosby	100.00
Miss Isabella Curtis	100.00
Mrs. Louis Curtis "In Memory of Louise Curtis"	100.00
Miss Mary Curtis	100.00
Dr. Lincoln Davis	100.00
Mrs. Malcolm Donald	100.00
Mr. and Mrs. Augustus H. Eustis E. W. Bowditch Free Bed	100.00
Mrs. Stephen S. FitzGerald Francis Blake Free Bed Agnes B. FitzGerald Free Bed	200.00
Mr. and Mrs. Francis C. Gray	400.00
Mrs. Henry V. Greenough	100.00
Mrs. Arthur D. Hill	200.00
Mr. and Mrs. James Hunnewell	200.00
Miss Aimee Lamb	500.00
Mrs. Gardiner M. Lane	100.00
Mr. and Mrs. George Lewis, Jr.	100.00
Mrs. Guy Lowell "In Memory of Andrew Robeson Sargent and Alice Sargent"	200.00
Mr. Ralph Lowell "In Memory of My Mother, Mary Emlen Lowell"	100.00
Mr. and Mrs. Ralph Lowell "In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital"	100.00
Carried forward	$4,925.00

Brought forward	$4,925.00	
Mr. and Mrs. Samuel Mixter	200.00	
Mrs. Henry A. Morss	100.00	
Mr. and Mrs. Henry A. Morss, Jr.	200.00	
Mrs. William G. Nickerson	100.00	
Mrs. Franklin Hall Palmer	100.00	
Miss Amelia Peabody	200.00	
Mrs. John B. Potter	100.00	
Dr. and Mrs. Francis M. Rackemann	100.00	
"In Memory of Mr. and Mrs. S. P. Mandell"		
Mr. Neal Rantoul	1,000.00	
Saint Paul's Episcopal Church, Dedham	100.00	
Mrs. Robert Saltonstall	100.00	
1916 Sewing Circle	100.00	
Mr. Henry L. Shattuck	100.00	
Miss Eleanor Sohier	100.00	
Mr. and Mrs. Malcolm B. Stone	100.00	
Mrs. Rudolph Weld	200.00	
"In Memory of Rudolph Weld"		
Mrs. Moses Williams	100.00	
Women's Italian Club of Boston	112.00	8,037.00

CURRENT EXPENSE FUND

Gifts of

Miss Jessie L. Adams	$ 3.00	
Agoos Family Charity Fund, Inc.	250.00	
Mrs. Marshall L. Alling	5.00	
Miss Sigrid B. Anderson	5.00	
Anonymous	2.00	
Mrs. Victor Argonti	5.00	
Miss Kiameche Austin	20.00	
Mrs. Gaspar G. Bacon	100.00	
Dr. Franklin G. Balch	50.00	
Mr. Solomon J. Barnet	10.00	
Mrs. Oric Bates	75.00	
Mr. and Mrs. William Bentinck-Smith	200.00	
Mr. and Mrs. William H. Best	25.00	
Mrs. Reginald W. Bird	25.00	
Mrs. Charles H. Boardman	10.00	
Mrs. Henry G. Bradlee	100.00	
Mr. and Mrs. Henry G. Bradlee, Jr.	75.00	
Miss Josephine S. Bradlee	5.00	
Mr. and Mrs. Cameron Bradley	50.00	
Miss Pauline Bromberg	10.00	
Dr. Madelaine R. Brown	100.00	
Miss Alice E. Buff	10.00	
Miss Jennie M. Carlson	10.00	
Dr. and Mrs. Edwin F. Cave	400.00	
Mrs. Herbert P. Chadbourne	30.00	
Mrs. Henry B. Chapin	15.00	
Carried forward	$1,590.00	$8,037.00

Brought forward	$1,590.00	$8,037.00
Miss Alice P. Chase	100.00	
Mr. Philip P. Chase	100.00	
Mrs. B. Preston Clark	25.00	
Committee of the Permanent Charity Fund, Inc.	18,000.00	
Mrs. William C. Cox	120.00	
Miss Lucy Clarendon Crehore	150.00	
Mr. and Mrs. S. V. R. Crosby	200.00	
Dr. John W. Cummin	25.00	
Miss Mary Cunningham	20.00	
Mrs. Greely S. Curtis	50.00	
Miss Isabella Curtis	50.00	
Mr. and Mrs. Frederick Deane	10.00	
Mrs. Thaddeus DeFriez	100.00	
Hon. and Mrs. Thomas C. Desmond	100.00	
Mrs. William Dexter	100.00	
Downes Lumber Co.	50.00	
Mr. and Mrs. Eben S. Draper	100.00	
Dr. Robert W. Dwight	50.00	
Miss Mildred E. Ellis	5.00	
Miss A. Grace Emery	5.00	
Mr. and Mrs. Frederic A. Eustis	100.00	
Mrs. James M. Faulkner	200.00	
Mrs. Elisha Flagg	50.00	
Mr. Howard R. Flock	4.00	
Mr. Grenville W. Folsom	25.00	
Miss Edith M. Fox	250.00	
Mrs. G. Tappan Francis	60.00	
The Misses Elsie T. and Sophie M. and Mr. Lee M. Friedman	25.00	
Miss Anna D. Fry	25.00	
Mrs. Herbert E. Gale	25.00	
Mr. R. H. Ives Gammell	500.00	
Dr. Walter E. Garrey	10.00	
Mrs. Carleton S. Gifford	5.00	
Mr. Benjamin Ginsberg	9.00	
Mr. Abraham Goldenberg	7.50	
Mr. M. Goldenberg	7.50	
Mr. Joseph Gough	2.00	
Mrs. Edward Gray	40.00	
Mr. and Mrs. Francis C. Gray	600.00	
Mrs. Reginald Gray	600.00	
Mr. Reginald Gray	800.00	
Mrs. Henry V. Greenough	1,400.00	
Mr. Henry V. Greenough	100.00	
Mrs. Malcolm W. Greenough	40.00	
Miss Anna G. Griffin	15.00	
Grosberg Family Charity Fund, Inc.	100.00	
Miss Catherine L. Haight	3.00	
Miss Ada H. Hersey	10.00	
Dr. Paul R. Hinchey	25.00	
Mrs. E. Sturgis Hinds	25.00	
Mrs. John S. Howe	50.00	
Carried forward	$26,063.00	$8,037.00

Brought forward	$26,063.00	$8,037.00
Miss Miriam Huggard	5.00	
Dr. Francis T. Hunter	10.00	
Mr. Walter Renton Ingalls	25.00	
Miss Edith Jewell	10.00	
Mrs. Francis R. Jones	100.00	
Miss Miriam Kallen	4.00	
Miss Marguerite Kimball	4.00	
Mrs. Robert C. Kingsley	10.00	
Miss Alice E. Lamphrey	10.00	
Mrs. Gardiner M. Lane	350.00	
Mr. Robert A. Leeson	700.00	
Miss Elizabeth C. Leland	10.00	
Mr. Joseph D. Leland	10.00	
Dr. Julius J. Levitan	3.00	
Mrs. Maxwell Lewitus	10.00	
Dr. Merrill Lineback	2.75	
Dr. Robert R. Linton	150.00	
Mr. and Mrs. Caleb Loring	200.00	
Miss Marjorie C. Loring	50.00	
Mr. and Mrs. Ralph Lowell	100.00	
Mrs. Dana Malone	25.00	
Miss Frances Marley	1.00	
Miss Anna E. McFarland	5.00	
Mrs. Holden McGinley	50.00	
Dr. and Mrs. Leland S. McKittrick	150.00	
Mrs. George W. Mixter	250.00	
Mr. and Mrs. Donald Moffat	90.00	
Dr. and Mrs. John P. Monks	500.00	
Mrs. Edward C. Moore	10.00	
Miss Leonice S. Morse	10.00	
Mr. Wells Morss	200.00	
Mrs. Frederick S. Moseley	1,000.00	
Mrs. William Stanley Parker	10.00	
Mr. Claude E. Patch	10.00	
Miss Amelia Peabody	300.00	
Mrs. Franklin T. Pfaelzer	25.00	
Miss Edith Pitkin	20.00	
Mrs. Eugene H. Pool	50.00	
Mr. and Mrs. John R. Post	75.00	
Mr. and Mrs. Frederick S. Pratt	25.00	
Mrs. Fred Price	10.00	
Mr. and Mrs. George Putnam	500.00	
Mr. Neal Rantoul	1,000.00	
Mr. Jeremiah R. Ready	1.00	
Mr. Albert F. Reed	35.00	
Mrs. Arthur W. Rice	100.00	
Mr. and Mrs. William T. Rich, Jr.	25.00	
Miss Mabel Louise Riley	150.00	
Mrs. Louis Rosenthal	10.00	
Miss Eva M. Ruggli	2.00	
Carried forward	$32,475.75	$8,037.00

Brought forward	$32,475.75	$8,037.00
Mr. Bernard Schoenberg	3.00	
Mr. Henry L. Shattuck	100.00	
Mrs. Anne Simons	2.00	
Simpla Research and Mfg. Co., Inc.	265.00	
Miss Jessie E. Small	5.00	
Miss Grace Stackpole	15.00	
Dr. and Mrs. Richard P. Stetson	18.75	
Mrs. Frederic J. Stimson	10.00	
Mr. Malcolm B. Stone	140.00	
Mr. and Mrs. Robert S. Sylvester	150.00	
Mrs. M. L. Talbot	10.00	
Miss Helen M. Tanck	4.00	
Miss Mary DeW. Thacher	5.00	
Miss Alice Thorndike	25.00	
Mrs. Ward Thoron	30.00	
Miss Elizabeth Townsend	200.00	
United Community Services	181,369.25	
Dr. Robert G. Vance	50.00	
Mr. and Mrs. Sheldon E. Wardwell	25.00	
Mrs. Guy Waring	100.00	
Mrs. Roger S. Warner	50.00	
Mrs. George E. Warren	500.00	
Mr. William Waterbury	5.00	
Mrs. Philip S. Weld	100.00	
Mrs. William P. Wharton	25.00	
Miss Adeline E. Wheeler	10.00	
Dr. and Mrs. Charles J. White	100.00	
Dr. Sarah Parker White	3.50	
Mr. and Mrs. William Whitman	50.00	
Miss Anne L. Whitmore	20.00	
Mr. Hugh Whitney	50.00	
Rev. Francis L. Whittemore	20.00	
Hon. and Mrs. Richard B. Wigglesworth	10.00	
Mrs. Moses Williams	100.00	
Mr. and Mrs. Orrin G. Wood	250.00	216,286.25
		$ 224,323.25

FUNDS FOR SPECIAL PURPOSES

ANESTHESIA DEPARTMENT

Fund No.		
3020	National Academy of Sciences Fund for Analgesic Potency Studies of Postoperative Patients in Pain u/d Dr. Beecher	$ 8,055.94
3021	National Academy of Sciences Fund for Analgesic Potency Studies of Postoperative Patients in Pain u/d Dr. Beecher	4,169.75
3030	Mallinckrodt Chemical Works Fund for the Study of Anesthetics u/d Dr. Beecher	9,885.00
3040	Sundry Gifts for Research and Education in the Anesthesia Department u/d Dr. Beecher	
	Mr. Carroll S. Harvey	250.00
	Carried forward	$246,683.94

	Brought forward		$246,683.94
3061	U. S. Public Health Service Fund for Study of Curare and Other Commonly Used Muscle Relaxants with Regard to their Circulatory and Respiratory Effects u/d Dr. Beecher		12,703.00
	BIOCHEMISTRY RESEARCH LABORATORY		
3095	National Foundation for Infantile Paralysis, Inc. Fund for the Laboratory Expenses of Dr. Brodie u/d Dr. Lipmann		1,000.00
3120	The Commonwealth Fund for Studies in Cellular Metabolism u/d Dr. Lipmann		21,492.00
3226	U. S. Public Health Service Fund for Study of Carboxyl Activation as a Preliminary in Biosynthetic Reaction u/d Dr. Lipmann		5,903.10
3227	U. S. Public Health Service Fund for Study of Carboxyl Activation as a Preliminary in Biosynthetic Reaction u/d Dr. Lipmann		5,954.00
3256	The Rockefeller Foundation Fund for Research in Enzyme Chemistry u/d Dr. Lipmann		3,150.00
3260	Life Insurance Medical Research Fund for the Laboratory Expenses of Dr. William Jencks u/d Dr. Lipmann		500.00
3265	Jane Coffin Childs Memorial Fund for the Fellowship and Expenses of Dr. Frederic Hoch u/d Dr. Lipmann		2,250.00
	BLOOD BANK		
3300	Sundry Gifts to Support the Blood Bank American Austrian Benefit Association		15.00
	BRAIN WAVE LABORATORY		
3335	Sandoz Chemical Works, Inc. Fund for Research in Parkinsonism and Epilepsy u/d Dr. Schwab		846.50
3340	Burroughs Wellcome & Co. (U.S.A.) Inc. Fund for Clinical Investigation of Kemadrin and Drug No. 47-83 in the Treatment of Parkinson's Disease u/d Dr. Schwab		1,610.00
3360	Hoffman-LaRoche Inc. Fund for a Study of Fatigue in Muscles Using Prostigmine u/d Dr. Schwab		2,106.00
3365	Warner-Hudnut, Inc. Fund for the Investigation of Parsidol u/d Dr. Schwab		1,170.00
3390	Edwin Minot Memorial Fund for Research in Electroencephalography u/d Dr. Schwab		
	Mrs. Henry D. Minot	$ 6,641.86	
	"In Memory of Henry D. Minot"	155.00	6,796.86
	Carried forward		$312,180.40

	Brought forward		$312,180.40
3400	Lederle Laboratories Division, American Cyanamid Company Fund for Research in Parkinson's Disease and Epilepsy u/d Dr. Schwab		1,500.00
3401	G. D. Searle & Co. Fund for Research in Parkinson's Disease u/d Dr. Schwab		1,053.00
3406	Parke, Davis & Company Fund for Research in the Use of Antihistamines in Parkinsonism u/d Dr. Schwab		1,600.00
CANCER RESEARCH			
3450	M.G.H. Cancer Research Fund Bequest of Mrs. Ruth C. Ross		5,244.54
3472	American Cancer Society, Inc. Fund for Research in the Field of Cancer		45,408.74
3510	Damon Runyon Memorial Fund for Cancer Research		48,197.00
CANCER, HUNTINGTON MEMORIAL LABORATORY			
3573	American Cancer Society (Mass. Div.) Inc. Fund for Study of the Effect of Radiation on Metabolism of Normal and Malignant Cells u/d Dr. Aub		3,596.40
3604	American Cancer Society, Inc. Fund for Research on the Protein Metabolism of Tumors u/d Dr. Zamecnik		2,149.05
3610	American Cancer Society, Inc. Fund for Research on the Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		2,828.47
3630	Dean Welfare Trust Fund to Supply Special and Unusual Drugs and Medicines for Huntington Patients		50.00
3690	Godfrey M. Hyams Trust Fund at the Disposal of Dr. Aub		10,750.00
3745	Jane Coffin Childs Memorial Fund for a Study of Urinary Steroid Metabolites u/d Drs. Nathanson and Engel		8,380.00
3781	American Cancer Society, Inc. Fund to Pay for the Cost of Hospital Care of Patients Being Studied for Research Purposes u/d Dr. Berg "In Memory of Miss Celia Levovsky"		100.00
3870	Sundry Gifts, for Research u/d Dr. Aub		
	"In Memory of Maurice Clifton Bangs"	$ 5.00	
	"In Memory of Mrs. Elizabeth Bowker Butts"	5.00	
	"In Memory of Miss Donna Cain"	26.50	
	"In Memory of Harvey R. Court"	5.00	
	Dr. Lewis L. Engel	15.00	
	Mr. Joseph F. Ford	250.00	
	"In Memory of Raymond Ginsberg"	12.50	
	"In Memory of Allan K. Hamer"	140.00	
	Dr. Bernard Jacobson	5.00	
	Carried forward	$459.50	$443,037.60

	Brought forward	$459.50	$443,037.60
	"In Memory of Peter Johnston"	15.50	
	"In Memory of George O. Lawrence"	42.00	
	Mr. Stephen Makris	20.00	
	Dr. Ira Nathanson	10.00	
	"In Memory of Miss Alice E. Pendleton"	10.00	
	"In Memory of Grafton B. Perkins"	20.00	
	"In Memory of Christina Sedgwick Powel"	62.00	
	"In Memory of Mrs. Ruth Pritzker"	42.50	
	"In Memory of Joseph Purpera"	35.00	
	"In Memory of Mrs. Leopold Sonnabend"	12.50	
	"In Memory of Emlyn S. Vose"	35.00	
	Miss Eileen M. Weller	25.00	
	"In Memory of Yow Sun Wong"	200.00	993.50
3901	U. S. Public Health Service Fund for the Study of Cytochemical Manifestations of Growth u/d Dr. Aub		7,601.00
3910	American Cancer Society, Inc. Fund for a Scholar in Cancer u/d Dr. Scott		6,000.00
	CANCER, TUMOR CLINIC		
4117	American Cancer Society (Mass. Div.) Inc. Fund for Salary of a Research Secretary u/d Dr. Nathanson		3,483.00
4200	Sundry Gifts at the Disposal of the Tumor Clinic Mr. Charles A. Hanson		5.00
	DENTAL CLINIC		
4250	Sundry Gifts at the Disposal of Dr. Weisberger Mr. Albert T. Aladjem		200.00
	DERMATOLOGY SERVICE		
4415	Dr. G. Marshall Crawford Memorial Fund Sundry Donors		3,835.00
4420	Leon S. Newton Fund for a Study of Mycosis Fungoides u/d Dr. Frazier		3,600.00
4426	Parke, Davis & Company Fund for a Study of the Reaction of Adhesive Tape on the Skin u/d Dr. Blank		4,124.49
4430	White Laboratories, Inc. Fund for Dermatology Studies u/d Dr. Frazier		6,500.00
	FREE CARE		
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		500.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		1,312.50
4625	Sundry Memorial Gifts for Free Care		
	"In Memory of Mrs. Charles Burbank"	$ 5.00	
	"In Memory of Mrs. Genevieve D. Chace"	5.00	
	"In Memory of Dr. Lincoln Davis"	10.00	
	"In Memory of Louis A. Gale"	352.00	
	Carried forward	$372.00	$481,192.09

	Brought forward	$372.00	$481,192.09
	"In Memory of Howard Gambrill, Sr."	5.00	
	"In Memory of William Gray"	10.00	
	"In Memory of William J. Gunn"	5.00	
	"In Memory of Samuel C. Howes"	485.00	
	"In Memory of Charles Kaplan"	2.00	
	"In Memory of Thora Ludy"	10.00	
	"In Memory of Max Minkofsky"	7.00	
	"In Memory of John B. Paine"	100.00	
	"In Memory of Sylvester Pearsall"	5.00	
	"In Memory of Mrs. Eleanor L. Phillips and Mr. Amos Leander Phillips"	100.00	
	"In Memory of Moseley Taylor"	35.00	
	"In Memory of George S. Treat"	25.00	
	"In Memory of Mrs. Constance Gilpin Yerxa"	25.00	1,186.00
4680	Sundry Gifts for the Purchase of Penicillin, Adrenal Cortex and Other Expensive Therapeutic Agents for Needy Patients		
	Mr. Donald McKay Frost		100.00
	GYNECOLOGY SERVICE		
4733	American Cancer Society (Mass. Div.) Inc. Fund for Assistance in the Teaching of Cytological Diagnosis of Cancer u/d Dr. Graham		3,538.48
4745	U. S. Public Health Service Fund for Cytological Grading of Cancer of the Uterine Cervix u/d Dr. J. V. Meigs		6,485.00
	MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS		
4770	Laurabel L. Gray Fund for the Purchase of Laboratory or Operating Room Equipment u/d Dr. Clark		184.47
4810	Ladies' Visiting Committee Fund for Secretarial Work for the Ladies' Visiting Committee		263.90
4860	Sundry Gifts at the Disposal of the General Director		
	Dr. Dean A. Clark	$ 25.00	
	Dean Welfare Trust	50.00	75.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		
	Mrs. Dudley L. Pickman		50.00
4870	Ladies' Visiting Committee "Travelli" Fund		1,200.00
4921	Sundry Gifts for the Purchase of Equipment for Bulfinch 4 Recreation Room		
	"In Memory of Mrs. Susanna Harty Flint"	$ 50.00	
	M.G.H. Students	88.11	138.11
4950	Sundry Gifts for the Benefit of Interns and Residents u/d Dr. Clay		3,145.04
5040	M.G.H. Research Fund		
	Armour and Company	$ 5,000.00	
	Atlas Powder Company	10,000.00	
	Burroughs Wellcome & Co. (U.S.A.) Inc.	5,000.00	
	Carried forward	$20,000.00	$497,558.09

	Brought forward	$20,000.00	$497,558.09
	Mrs. Thomas K. Cummins	40.00	
	"In Memory of Ralph Dingman"	194.25	
	M.G.H. Operetta Company	75.00	
	Merck & Co., Inc.	5,000.00	
	Parke, Davis & Company	10,000.00	
	"In Memory of William A. F. Power"	162.00	
	Miss Phyllis Robbins	50.00	
	Miss Lucia Russell	50.00	
	Mrs. Henry M. Sage	250.00	
	G. D. Searle & Co.	1,666.66	
	Mr. Fred A. Stepanowitch	10.00	
	Sterling-Winthrop Research Institute	5,000.00	
	Mr. William A. Thibodeau	100.00	
	"In Memory of Abraham Warshofsky"	25.00	
	Miss Mary Woodberry	25.00	42,647.91
5163	Good Will Fund for Research, at the Disposal of Dr. Balboni		
	Mr. Angelo Cataldo	$ 50.00	
	Mr. Fortunato Ferri	25.00	
	Porcella Funeral Service	100.00	
	Mr. Alfred Scaramelli	100.00	275.00
5200	Howard R. Hughes Fund for the Laboratory Expenses of Dr. Leaf		878.00
5210	Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid u/d Dr. Stanbury		17,000.00
5306	U. S. Public Health Service Fund for a Study of the Relationship of the Cerebral Cortex to the Circulation in Man u/d Drs. Chapman and Bauer		9,872.96
5307	U. S. Public Health Service Fund for a Study of the Relationship of the Cerebral Cortex to the Circulation in Man u/d Drs. Chapman and Bauer		9,990.00
5312	American Heart Association Inc. Fund for a Study of Factors that Regulate Extracellular Fluid Volume in Normal and Edematous Subjects u/d Dr. Leaf		2,362.50
5313	American Heart Association Inc. Fund for a Study of Factors that Regulate Extracellular Fluid Volume in Normal and Edematous Subjects u/d Dr. Leaf		1,181.25
5325	Sundry Gifts for Thyroid Research Dr. John B. Stanbury		10.00
5335	Sundry Gifts for Thyroid Research u/d Dr. Lerman Frank B. Gordon Charity Trust		300.00
4501	U. S. Public Health Service Fund for a Study of the Pathogenesis of Certain Occupational Diseases u/d Dr. Hardy		3,862.85
5402	U. S. Public Health Service Fund for a Study of the Pathogenesis of Certain Occupational Diseases u/d Dr. Hardy		4,500.00
	Carried forward		$590,438.56

	Brought forward		$590,438.56
5405	Atomic Energy Commission Fund for Conducting a Program of Research to Establish a Beryllium Case Registry u/d Dr. Hardy		8,718.50
	MEDICAL SERVICE, ALLERGY CLINIC		
5430	Sundry Gifts at the Disposal of Dr. Burrage		
	Mrs. William T. Aldrich	$ 200.00	
	Mrs. Aldous C. Higgins	1,000.00	1,200.00
5432	U. S. Public Health Service Fund for a Study of Circulatory Changes in Anaphylactic Shock u/d Dr. Burrage		3,372.00
	MEDICAL SERVICE, ARTHRITIC		
5440	U. S. Public Health Service Fund for the Study of Synthesis of Biologically Important Derivatives of Glucosamine and Chondrocamine u/d Dr. Jeanloz		7,751.00
5450	Gifford K. Simonds Memorial Fund for Arthritic Research u/d Dr. Bauer Arthritis and Rheumatism Foundation		500.00
5453	U. S. Public Health Service Fund for a Study of the Derangement of Mesenchymal Tissue in Aging and Rheumatic Diseases u/d Dr. Bauer		10,800.00
5454	U. S. Public Health Service Fund for a Study of the Derangement of Mesenchymal Tissue in Aging and Rheumatic Diseases u/d Dr. Bauer		10,800.00
5459	Helen Hay Whitney Foundation Fund for a Study of the Proteins and Glycoproteins of Connective Tissues and Serum u/d Dr. Bauer		5,276.75
5470	U. S. Public Health Service Fund for a Study of Plastic Artificial Cornea as Replacement for Opaque Cornea u/d Dr. Stone		4,200.00
	MEDICAL SERVICE, BIOLOGY		
5490	Rockefeller Foundation Fund for Research on Endocrinology and Metabolism u/d Dr. Albright		4,000.00
5499	U. S. Public Health Service Fund for Research on the Effects of ACTH and Cortisone on Growth u/d Dr. Albright		904.55
5530	Mallinckrodt Chemical Works Fund for the Purpose of Supplementing Dr. Albright's Salary		1,000.00
	MEDICAL SERVICE, CARDIAC		
5571	U. S. Public Health Service Fund for Study of Pulmonary Hypertension with Particular Regard to the Problem of Pulmonary Resistance		7,360.93
5572	U. S. Public Health Service Fund for Study of Pulmonary Hypertension with Particular Regard to the Problem of Pulmonary Resistance		6,831.48
	Carried forward		$663,153.77

	Brought forward		$663,153.77
5595	U. S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		8,100.00
5600	Muscular Dystrophy Association Fund for Paper-electrophoretic Studies on Muscle Proteins u/d Dr. Gergely		1,083.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	"In Memory of Mrs. Leslie W. Beckwith"	$ 5.00	
	"In Memory of Isaac Berger"	25.00	
	"In Memory of Walter W. Birge"	15.00	
	Dr. Edward F. Bland and Associates	8,757.20	
	Mrs. L. J. Brackett	25.00	
	"In Memory of Michael Caragianis"	10.00	
	Cardiac Catheterization Group	125.00	
	"In Memory of Mrs. Henry Chmielinski"	5.00	
	Dorchester Brass & Aluminum Foundry, Inc.	20.00	
	Dr. George K. Fenn	50.00	
	"In Memory of Leslie D. Hawkridge"	1,903.00	
	"In Memory of Mildred Higgins Hill"	5.00	
	Mrs. Hugh Houlder	2.00	
	"In Memory of George A. Jenkins"	8.00	
	Mr. Stephen W. Makris	20.00	
	Mrs. Edward B. Meigs	25.00	
	Mr. Earle D. McLeod	50.00	
	Mr. Robert L. McVie	15.00	
	"In Memory of Max Minkofsky"	1.00	
	"In Memory of Grafton B. Perkins"	45.00	
	"In Memory of William A. F. Power"	5.00	
	Mr. John Richardson	50.00	
	"In Memory of William Davis Taylor"	121.00	11,287.20
5615	Fund for Cardiac Research u/d Dr. Sprague Sterling-Winthrop Research Institute		100.00
5617	Allied Laboratories, Inc. Fund for Technician's Salary on Protoveratrine Studies u/d Dr. Currens		1,200.00
5620	Eli Lilly and Company Fund for the Study of Hypertension u/d Dr. Currens		3,042.00
5625	Sandoz Chemical Works, Inc. Fund for Research on Hypertension u/d Dr. Chapman		500.00
5641	Agnes Blake FitzGerald Fund for Cardiac Research u/d Dr. Bland Mrs. Stephen S. FitzGerald		500.00
5643	U. S. Public Health Service Fund for a Genetic Study of Rheumatic Fever u/d Dr. Cohen		17,800.00
	MEDICAL SERVICE, GASTROINTESTINAL		
5670	Atlas Powder Company Fund for Studies in Gastrointestinal Absorption u/d Dr. Jones		5,000.00
5671	Dazian Foundation Fund for Fellowship of Dr. Benson		1,800.00
5731	Upjohn Company Fund for a Series of Studies of Gastrointestinal Motility u/d Drs. Jones and Chapman		3,978.00
	Carried forward		$717,543.97

	Brought forward		$717,543.97
5760	G. D. Searle & Co. Fund for Research in Gastrointestinal Motility u/d Dr. Jones		583.34
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Anonymous	$ 1,000.00	
	Mr. and Mrs. Richard Bent	500.00	
	Dr. Charles Jurist	100.00	
	Mr. Raymond W. Lapham	250.00	
	"In Memory of Sarah G. McCarthy"	1,000.00	
	Mr. Harlan K. Simonds, Jr.	60.00	2,910.00
	MEDICAL SERVICE, BACTERIOLOGY		
5915	U. S. Public Health Service Fund for a Study of the Antigenic Components of the Mumps Virus u/d Dr. Kunz		10,525.00
5920	U. S. Public Health Service Fund for a Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		12,106.00
	NEUROLOGICAL SERVICE		
5971	National Multiple Sclerosis Society Fund for Research u/d Dr. Adams		9,936.19
6010	U. S. Public Health Service Fund for the Study of Demyelination u/d Dr. Adams		43,600.00
6060	Hoffman-LaRoche, Inc. Fund for the Study of Myasthenia Gravis u/d Dr. Viets		
	Mrs. Robert Fleishman		3.00
	NEUROSURGICAL SERVICE		
6216	Atomic Energy Commission Fund for Research in Neutron Therapy of Neoplasm u/d Dr. William Sweet		30,078.00
6220	Atomic Energy Commission Fund for Research with Positron Emitters u/d Dr. William Sweet		4,050.00
6222	Atomic Energy Commission Fund for a Study of the Effect of Ionizing Radiations on the Peripheral Nerve u/d Dr. Forbes		6,434.00
6320	U. S. Public Health Service Fund for a Study of Cerebral Function Before, During and After Excision of a Portion of the Frontal Lobes u/d Drs. Sweet, Finesinger and Cobb		13,104.00
6330	Neurosurgical Research Fund u/d Dr. J. C. White		
	Anonymous		5,000.00
6405	U. S. Public Health Service Fund for a Study of the Blood Brain Barrier with Radioactive and Stable Isotopes u/d Dr. J. C. White		10,535.00
	Carried forward		$866,408.50

	Brought forward		$866,408.50
6430	Sundry Gifts for Research u/d Dr. William Sweet Mrs. Harry M. Ford		1,000.00
6456	U. S. Public Health Service Fund for Research in Cerebrospinal Fluid u/d Dr. Sweet		1,810.00
6457	U. S. Public Health Service Fund for Research in Cerebrospinal Fluid u/d Dr. Sweet		4,700.00
	NURSING SCHOOL		
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing M.G.H. Nurses Alumnae Association .. $ 100.00 Dr. Howard Ulfelder 40.00		140.00
6586	Sundry Gifts for the Class of 1952		185.00
	OCCUPATIONAL THERAPY		
6690	Ladies' Visiting Committee Fund for Salaries of Occupational Therapists		1,861.82
	ORTHOPEDIC SERVICE		
6871	National Foundation for Infantile Paralysis, Inc. Fund for Poliomyelitis Research		5,489.00
6900	Sundry Gifts at the Disposal of Dr. Barr Anonymous		10.00
	PATHOLOGY DEPARTMENT		
6930	Buffington's Inc. Fund for Salary of Part-Time Curator of Pathological Museum and Other Purposes		250.00
7022	U. S. Public Health Service Fund for a Study of the Histological Changes in the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman		4,836.00
	PEDIATRIC SERVICE		
7098	U. S. Public Health Service Fund for Study of the Effect of Chronic Treatment with Cortisone on Growth of Children with Various Chronic Diseases u/d Dr. Talbot		6,000.00
7110	Doctors of the Baker Memorial Fund for any Purpose at the Request of the Chief of the Pediatric Service with the Approval of the General Director		567.00
7130	Playtex Park Research Institute Fund for Research u/d Dr. Talbot		4,000.00
7230	Sundry Gifts for the Support of the Children's Medical Laboratory u/d Dr. Butler National Foundation for Infantile Paralysis, Inc.		1,000.00
7232	Mead, Johnson & Company Fund for Investigation of Homeostatic Mechanisms in Sick and Well Infants u/d Dr. Talbot		5,000.00
	Carried forward		$903,257.32

	Brought forward		$903,257.32
7265	VioBin Corporation Fund for Research u/d Dr. Butler		250.00
7275	Sundry Gifts for Diabetic Research u/d Dr. Butler		
	Mrs. John H. Johnson		150.00
7277	Eli Lilly and Company Fund for the Laboratory Expenses of Dr. Field		840.00
7290	Sundry Gifts for Expensive Medicines, Care and Treatment of Children in the Children's Wards		
	Miss Susan Butler	$ 10.00	
	"In Memory of Patrick Jeanloz"	10.00	20.00
	PHYSICAL THERAPY		
7500	Pope Foundation Fund for Research in Physical Medicine and Rehabilitation		
	Drs. Thomas L. DeLorme and Arthur L. Watkins		309.23
	PSYCHIATRIC SERVICE		
7550	Atomic Energy Commission Fund for Research on the Effect of Radiation on Learned Skill and Judgment u/d Dr. Cobb		5,864.00
7571	U. S. Public Health Service Fund for the Study of Personality and Emotional Factors in Cardiovascular Disease u/d Dr. Cobb		5,525.18
7575	National Multiple Sclerosis Society Fund for a Study of Myelin Degradation as Revealed by Histochemical Methods u/d Dr. Adams		
	"In Memory of Frank M. Curtis"		5.00
7605	Mrs. Eliot Farley Fund for the Psychiatric Service u/d Dr. Cobb		
	Mr. Irving Linkin	$ 5.00	
	Mr. Harold Thurman	10.00	15.00
	PSYCHIATRIC AND PEDIATRIC SERVICES		
7651	U. S. Public Health Service Fund for a Psychosomatic Study of Children		20,624.00
7686	U. S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Butler		14,674.00
	RADIOLOGY DEPARTMENT		
7815	Sundry Gifts for Phillips House X-Ray Department u/d Dr. Robbins		
	Mr. Stewart W. Donahue		500.00
7870	American Cancer Society (Mass. Div.) Inc. Fund for a Study of Colloidal Gold in X-Ray Therapy u/d Dr. Schulz		756.00
	Carried forward		$952,789.73

	Brought forward		$952,789.73
	RESEARCH COMMITTEE		
7938	Cardiovascular Research Fund u/d Dr. Frantz Anonymous		5,000.00
7943	U. S. Public Health Service Fund for Biochemical Studies of Arteriosclerosis u/d Dr. Frantz		10,340.00
	SOCIAL SERVICE		
8017	American Cancer Society (Mass. Div.) Inc. Fund for Social Service Aid to Indigent Cancer Patients u/d Miss Barbour		3,132.00
8070	Committee of the Permanent Charity Fund for Social Service Relief		1,500.00
8100	Mrs. Charles F. Cushman Fund for Social Service Relief for Cancer Patients		80.00
8130	Sundry Gifts to Pay for Lunches at Hospital for Needy Patients		
	Miss Edith S. Fisher		12.00
8220	Charles H. Hood Dairy Foundation Fund for Summer Expenses of Children with Health Problems		
	Charles H. Hood Dairy Foundation	$ 900.00	
	Miss Ruth A. Gale	2.00	902.00
8250	Ladies' Visiting Committee Fund for Social Service Relief		300.00
8280	Jessie Gwendolen Morse Fund for Social Service Relief		
	Miss Jessie Gwendolen Morse		200.00
8370	Sundry Gifts for Social Service Relief for Children with Heart Disease		
	Massachusetts State Federation of Women's Clubs		125.00
8460	Helen Snow Memorial Fund for Social Service Relief		
	Anonymous	$ 10.00	
	Committee of the Permanent Charity Fund, Incorporated	500.00	
	Mrs. Leslie D. Hawkridge	30.00	
	Miss Marianne Richardson	3.00	
	Mr. C. Wilson Wood	150.00	
	Bequest of Miss Ulina Demerise Desjardins	3,003.20	3,696.20
	SURGICAL SERVICE		
8635	Nathaniel and Elizabeth P. Stevens Foundation Fund for Gastrointestinal Follow-up Studies in the Outpatient Department u/d Dr. Warren		
	Mr. Hyman Rubin		500.00
8660	U. S. Public Health Service Fund for a Study of the Changes in Pattern of Intracellular Electrolytes in Surgical Patients u/d Dr. Baker		8,418.00
	Carried forward		$986,994.93

	Brought forward		$986,994.93
8750	Sundry Gifts at the Disposal of Dr. Allen		
	Dr. I. R. Jankelson	$ 100.00	
	Dr. Charles Jurist	100.00	
	Mr. Samuel Rapaporte, Jr.	300.00	500.00
8765	Sandoz Chemical Works, Inc. Fund for Peripheral Vascular Investigation with Chemical Agents u/d Dr. Felder		500.00
8790	Sundry Gifts for Peripheral Vascular Investigations u/d Dr. Linton		
	Mr. Harry Goorno	$ 100.00	
	Mrs. Robert R. Linton	136.00	
	Dr. Robert R. Linton	1,500.00	
	Dr. Robert S. Lucas	100.00	
	Dr. Andres Montalvo-Carroll	100.00	
	Hyman Mover Charity Trust Fund	50.00	
	Dr. Solomon H. Rubin	50.00	2,036.00
8797	U. S. Public Health Service Fund for a Study of Peripheral Arteriosclerosis of the Lower Extermities u/d Dr. Linton		5,951.00
8820	Sundry Gifts at the Disposal of Dr. Cope		
	Mr. Thomas Greene	$ 10.00	
	Miss Anna Rogers	15.00	25.00
8850	Surgeons of the Baker Memorial and Others, at the Disposal of Dr. Churchill		
	Mrs. Joseph M. Fair	$ 50.00	
	Mr. and Mrs. Herman Lippman	10.00	
	Surgeons of the Baker Memorial	50.00	110.00
UROLOGY SERVICE			
8940	Sundry Gifts at the Disposal of Dr. Colby		
	The Barker Foundation	$ 2,500.00	
	Mr. Charles L. Barlow	100.00	
	Mr. D. A. Barrows	50.00	
	Mr. H. Warren Beard	50.00	
	Mr. Edward F. Breed	25.00	
	Mr. Walter L. Considine	5.00	
	Mr. William Drinkwater	500.00	
	Dr. Hugh K. Hatfield	50.00	
	Mr. Francis Welles Hunnewell	100.00	
	Mr. Earle S. Patten	100.00	
	Mr. Joseph M. Towne	200.00	
	Mr. Reginald Washburn	25.00	3,705.00
TREASURER'S FUNDS			
	Convalescent Hospital Fund		
	Anonymous		250.00
	Smith-Petersen Appreciation Fund for Alterations to a Room and Other Purposes		
	Sundry Donors		10,988.72
	Carried forward		$1,011,060.65

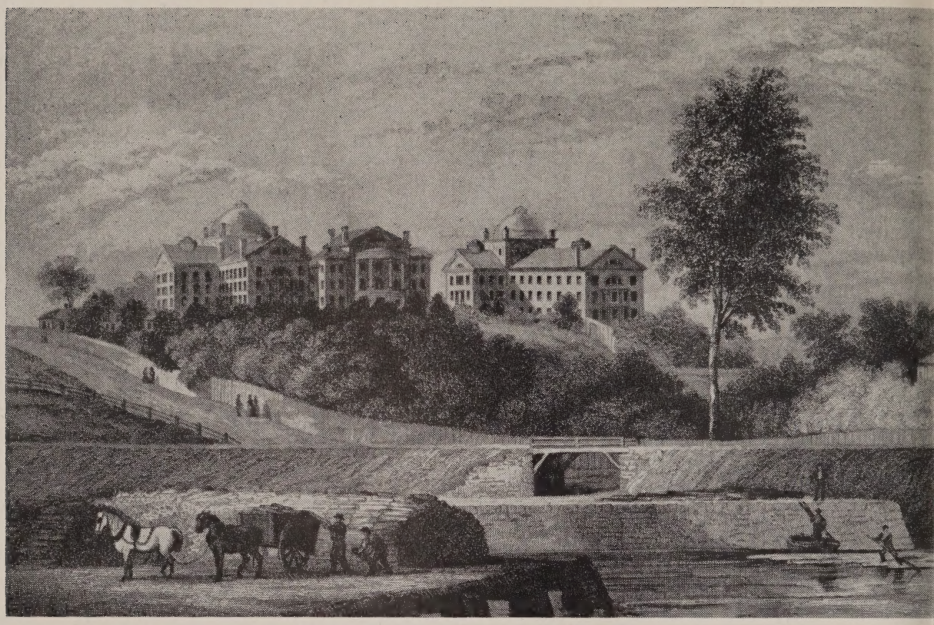
	Brought forward		$1,011,060.65
	Special Fund		
	Vingo Trust by Direction of Amory Coolidge		100,000.00
	Dr. Paul D. White Portrait Fund		
	Sundry Donors		4,948.53
	Fund for the Ladies' Visiting Committee		
	Dr. and Mrs. Augustus Thorndike		25.00

McLEAN HOSPITAL FUNDS

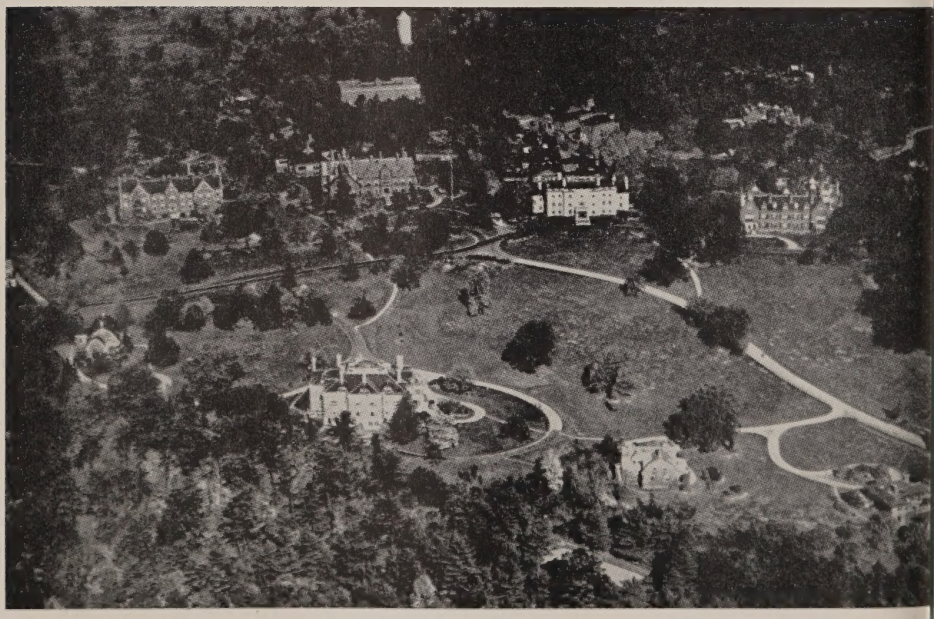
100	Sundry Gifts at the Disposal of the Director		
	Anonymous	$ 500.00	
	Mr. Charles Philip Beebe	2,000.00	
	Mr. Alfred Converse	400.00	
	Mr. Louis W. Dean	50.00	
	Mr. Charles E. DiPesa	200.00	
	Dr. Henry M. Pollock	750.00	3,900.00
110	Mary Bartlett Noyes Fund for the Purchase of Stained Glass Windows, etc. for the Chapel		
	Bequest of Mrs. Mary Bartlett Noyes		10,000.00
130	Hayford Fund for a Memorial Window in the Chapel		
	Sundry Donors		386.85
210	America Cancer Society, Inc. Fund for the Laboratory Expenses of Dr. Lee		500.00
270	Rockefeller Foundation Fund for Research in Brain Chemistry u/d Dr. Folch-Pi		100,000.00
301	U. S. Public Health Service Fund for Research on the Isolation of Brain Proteins in Native State u/d Dr. Folch-Pi		3,601.11
302	U. S. Public Health Service Fund for Research on the Isolation of Brain Proteins in Native State u/d Dr. Folch-Pi		3,604.00
370	U. S. Public Health Service Fund for the Laboratory Expenses of Dr. Henneman		540.00
	TOTAL INCOME FUNDS		$1,238,566 14

TOTAL PRINCIPAL FUNDS		$1,990,110.16	
TOTAL INCOME FUNDS		1,238,566.14	$3,228,676.30

NORTH
LEDGE
MEN NURSES
BOWDITCH
WYMAN
CODMAN
SHOPS
EAST.
LAUNDRY
WOMEN
Nurses
ARLINGTON
GYM
Men
POWER STA.
WOMEN'S O.T.
SERVICE BLDG.
BELKNAP
Men
LAB.
PROCTOR
ADM. BLDG.
BELKNAP
Women
GREENHOUSE
APPLETON
PHYS.
STABLES
ASST. PHYS.
DIRECTOR
MILL
STREET
LODGE
CHAPEL
WEST
UPHAM
HOPE
SOUTH
LODGE
PLEASANT
STREET
TRAPELO
RD.
STATION
TRESTLE
CENTRAL MASS. DIV. B. & M. R. R.
FITCHBURG DIV. B. & M. R. R.
McLean Hospital



McLean Hospital, Somerville, Massachusetts
1811



McLean Hospital, Waverley, Massachusetts

ONE HUNDRED AND THIRTY-FIFTH

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A Division of the

MASSACHUSETTS GENERAL HOSPITAL

1952

WAVERLEY : MASSACHUSETTS

A Brief History of The McLean Hospital

IT SEEMS that it will be interesting to many people to be able to read a little bit about the history of the McLean Hospital. We are extremely proud of our tradition, and it is quite surprising how few people know about the history and origin of the Massachusetts General Hospital.

In the early 1800's Reverend John Bartlett was Chaplain of the Almshouse in Boston. In those days, the only accommodations for patients suffering from mental illness (spoken of in those days as lunatics) was in the basement of the almshouse, with a shelf for the beds, straw on the floor and such crude accommodations. Reverend Bartlett became quite disturbed about the lack of proper care for these sick people. He wrote fifteen billets to the wealthy and respectable citizens of Boston to meet with him in Conant Hall on March 8, 1810. Among those present were two doctors; namely, Doctor John C. Warren and Doctor James Jackson. They agreed with the Reverend Bartlett that an Asylum should be established for the care of the mentally ill patients. In addition, they said a hospital for the physically ill and pregnant women should also be established.

Due to the activity of Reverend Bartlett and Doctors Warren and Jackson, the Massachusetts General Hospital was incorporated in 1811. Then the War of 1812 came and nothing much was accomplished for several years.

In 1816 the Trustees felt that something should be done toward establishing the hospital as had been planned. A house to house canvass was instituted and in a matter of a week or ten days, $90,000.00 was raised, half of it for the Asylum and half of it for the General Hospital. The Asylum and the General Hospital were known as the Massachusetts General Hospital, the first hospital in New England and the third in the country.

Property in Somerville known as Cobble Hill and better known as "Putnam's Impregnable Fortress" during the Revolu-

tionary War was the site of a large mansion owned by a Mr. Joseph Barrell. This property was purchased and was known as the Asylum and the first patient was admitted in 1818.

Due to a considerable gift of money by Mr. John McLean, the Asylum was renamed the McLean Asylum and later the McLean Hospital. Property on Blossom Street was purchased and the corner stone was laid in 1818. The first patient admitted to the General Hospital was in 1821.

One of the main reasons for choosing the property on Blossom Street and the property in Somerville on Cobble Hill was due to its proximity to the Charles River which allowed a means of bringing supplies as well as patients to both branches of the hospital by water. At that time, there was only the water, the horse or the oxen means of transportation. From then on, both the McLean Hospital and the General Hospital have played important roles in the History of Medicine, Surgery and Psychiatry.

In the latter part of the 1880's, because of the railroads causing noise, danger and dirt to the McLean Hospital, the Trustees decided to look for a place out in the country. They looked at the Kendall Farm and also Cedar Hill out in the Waverley section of Belmont. They finally decided to purchase the Kendall Farm and under the direction of Doctor Edward Cowles the McLean Hospital as you see it today was planned and built. The cottages, two gymnasiums, two nurses' homes and the Laboratory for Scientific Research are the only buildings that have been added since Doctor Cowles built the hospital originally. We are now in need of a new treatment building.

We are very proud of our hospital. It is very attractive and looks more like a college campus than a mental hospital.

W. FRANKLIN WOOD, M.D.
Director

February, 1953

ADMISSION OF PATIENTS

THE MCLEAN HOSPITAL, a division of the Massachusetts General Hospital, is a private, voluntary, non-profit institution. It is organized and equipped for the intensive study and treatment of patients suffering from nervous or mental diseases.

CLASS OF PATIENTS: Applications for the admission of patients may be made at any time at the McLean Hospital by the attending physician.

Information concerning the details of admission will be given by telephone or letter. The telephone number is Belmont 5-0700.

Preference is given to those patients in whom a favorable result from treatment may be expected. Patients with doubtful prognosis may be admitted for observation.

A limited number of patients suffering from alcoholism or drug addiction may be received in accordance with the laws of the Commonwealth.

Patients who seem likely to require a longer period of care may be admitted when there is room and are otherwise suitable.

Patients are admitted in accordance with the laws of this Commonwealth on a physician's certificate, by commitment or voluntarily, depending upon the circumstances.

LOCATION: The Hospital is in the Waverley section of Belmont, about seven miles from Boston, and can be reached in about twenty minutes by automobile, or in about thirty minutes by the Cambridge subway, transferring at Harvard Square to a Waverley surface car. The Hospital is about one-quarter of a mile from the street car terminus. The address for letters and telegrams is Waverley 79, Massachusetts.

Officers of the McLean Hospital, 1953

President
John R. Macomber

Vice-President
Phillips Ketchum

Treasurer
Henry R. Guild, 1 Federal Street

Secretary
Reginald Gray, 15 State Street

Trustees

1935 Francis C. Gray, 10 Post Office Square
1928 Phillips Ketchum, 1 Federal Street
1934 John R. Macomber, 75 Federal Street
1939 Henry R. Guild, 1 Federal Street
1940 Ralph Lowell, 100 Franklin Street
1941 *Rt. Rev. Robert P. Barry, 71 Warner Street, West Somerville
1943 Lloyd D. Brace, 67 Milk Street
1944 *Mrs. Robert Homans, 280 Beacon Street
1947 Francis W. Hatch, 1220 Statler Office Building
1947 John E. Lawrence, 60 Batterymarch Street
1947 *Professor Francis O. Schmitt, Department of Biology Massachusetts Institute of Technology, Cambridge
1949 *Francis P. McCarthy, M.D., 371 Commonwealth Avenue

Other Members of the Corporation

Mrs. Frank G. Allen
Philip K. Allen
John S. Ames, Jr.
Robert Amory, Jr.
O. Kelley Anderson
Mrs. David B. Arnold
G. Storer Baldwin
Mrs. James T. Baldwin
Harry J. Blake
Mrs. Henry M. Bliss
Mrs. Lloyd D. Brace
J. Howard Bushway
Thomas D. Cabot
John P. Chase
Theodore Chase
Charles E. Cotting
Mrs. Richard E. Danielson
Eben S. Draper
Miss Betty Dumaine
Robert R. Duncan
Charles J. Dunn
William Ehrlich
Dr. N. W. Faxon
Mrs. Gardiner H. Fiske
C. H. W. Foster
Michael A. Fredo
Mrs. Francis C. Gray
Edward B. Hanify
Dr. Roy J. Heffernan
Harvey P. Hood
Edward L. Hubbard
Arnold Hunnewell
James Jackson
Michael T. Kelleher
William T. Kemble
John F. Kennedy
Henry A. Laughlin
Alfred L. Loomis
Joseph W. Lund
Arthur T. Lyman
Mrs. Andrew Mason
Dr. W. Jason Mixter
Henry V. Morgan
Geoge Olmsted, Jr.
James H. Orr
Mrs. Brooks Potter
George Putnam
Miss Anna Revere
Russell Robb
Joseph Santosuosso
Rt. Rev. Henry K. Sherrill
Alan Steinert
Abbot Stevens
Raymond Stevens
James Jackson Storrow

*Appointed by the Governor.

J. O. Stubbs
Thomas C. Thacher
Mrs. Augustus Thorndike
Richard K. Thorndike, Jr.
Samuel J. Tomasello
Dr. John B. Vernaglia
F. Frank Vorenberg
E. A. Weeks, Jr.
Hon. Charles E. Wyzanski

McLEAN HOSPITAL COMMITTEE

Ralph Lowell, *Chairman*

Rt. Rev. Robert P. Barry
John E. Lawrence

MEDICAL and EXECUTIVE OFFICERS
of the McLEAN HOSPITAL

Consulting Staff

E. Stanley Abbot, M.D., *Psychiatrist*
James B. Ayer, M.D., *Neurologist*
Stanley Cobb, M.D., *Psychiatrist*
George Clymer, M.D., *Neurologist*
William Jason Mixter, M.D., *Surgeon*
Harry C. Solomon, M.D., *Psychiatrist*
Paul D. White, M.D., *Cardiologist*

McLEAN HOSPITAL STAFF—1953

Superintendent Emeritus
Frederic H. Packard, M.D.

Director
W. Franklin Wood, M.D., F.A.C.H.A.

Chief of Service
Paul M. Howard, M.D. (Acting)

Psychiatrists

Willis H. Bower, M.D.
Maria Lorenz, M.D.

Associate Psychiatrist
J. Douglass Sharpe, M.D.

Assistants in Psychiatry

Dorothy B. Chamberlin, M.D.
William M. Crowell, M.D.
Francis L. A. de Marneffe, M.D.

Residents in Psychiatry

Ruth B. Beuscher, M.D.
William F. Beuscher, M.D.

Assistant Resident in Psychiatry
Samuel Bogoch, M.D.

Clinic Physician
William H. Horwitz, M.D.

Director of Internal Medicine
and Research in Clinical Physiology
Mark D. Altschule, M.D.

Director of Scientific Research
Jordi Folch-Pi, M.D.

Advisory Committee to Director of Scientific Research
Stanley Cobb, M.D., *Chairman*
A. Baird Hastings, PH.D.
Donald D. VanSlyke, PH.D.
Walter Bauer, M.D.
Rafael Laurente de No', M.D.
W. Franklin Wood, M.D.
Paul M. Howard, M.D.

Scientific Research Associate in Neuropathology
Alfred Pope, M.D.

Scientific Research Assistants
James A. Meath, M.D.
Huntington Porter, M.D.
Francis N. LeBaron, PH.D.

Scientific Research Fellows
Helen H. Hess, M.D.
Marjorie B. Lees, PH.D.

Psychologist
Irene R. Pierce, PH.D.

Dental Surgeon
Gilman W. Haven, D.D.S.

Roentgenologist
Jospeh Hanelin, M.D.

X-ray Technician
Herbert A. Davidson

Clinical Laboratory Technicians
Rose Marie Restaino
Martha M. Abbot, B.A.
John P. Murnane, A.B.

SCHOOL OF NURSING

McLean Hospital School of Nursing Advisory Committee
Mrs. Bancroft Beatley, *Chairman*
Mrs. Robert Homans
Mr. William S. Nagle
Miss Stella Goostray
Mrs. Francis T. Hunter
Mrs. James M. Baty
Mrs. Mildred Makin
Mr. Edmund Mattos
Rev. Frederick H. Arterton
W. Franklin Wood, M.D., *Ex-officio*
Paul M. Howard, M.D., *Ex-officio*
Miss Margaret C. Tibbetts, *Secretary*

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

Assitant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Connor, R.N.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed.

Second Assistant Director of School of Nursing and Instructor in Nursing
Nancy W. Spencer, R.N., B.S.

Supervisors and Clinical Instructors
Evangeline R. Dumont, R.N., B.S. in Nursing
Daniel H. Lennox, R.N.
Laurence E. Souza, R.N., B.S. in Nursing

Assistant Instructor in Nursing
Dwight W. Schumann, R.N.

Supervisor of Health and Operating Room
Elaine A. Howland, R.N., B.S. in Nurs. Ed.

Instructor in Sciences
Mary Isabel Newton, B.S., M.A.

Supervisors
John P. Pitcherale, R.N., B.S. in Nurs. Ed.
Ruth MacLeod, R.N.
Janet E. Duboyce, R.N.
Sydney J. Garvey, R.N.

Directors of Occupational Therapy
Elaine S. Pinkham, O.T.R.
Daniel A. Joy, R.N., O.T.R.

Assistant Directors of Occupational Therapy
Constance Doliber, O.T.R.
Ruth T. Arnold, O.T.R.
Robert E. Belyea, R.N., O.T.R.
Allison J. MacKenzie, M.A.O.T., (Eng.)

Director of Music Therapy
Homer P. Whitford, D. Mus.

Instructors in Physical Therapy
Doris C. Heusel, R.N.
Thomas A. Crapo, R.N.

Instructors in Recreational Therapy
Virginia M. Neal, B.S.
Angus MacDonald

Assistant Instructors in Recreational Therapy
Joan M. Pray, B.A.
John L. Wentworth, R.N.

Dietitian and Instructor in Nutrition
Pauline R. Olsen, B.S. in Ed.

ADMINISTRATION

Comptroller
Thomas J. Burley

Assistant to the Director
Joseph T. Prekup, R.N.

Executive Assistant
Willa F. Pasho, B.S.

Pharmacist
George R. Zager, Reg. Ph., M.S.

Steward
Alexander Armour

Assistant Steward
Reginald Northrop

Director of Personnel
Alison J. Coolidge, M.A.

Assistant Director of Personnel
Ellis K. Howland, B.S.

Librarian
Judith R. Atwood, A.B.

Record Librarian
Barbara W. Zimmerman

Housekeeper
Mary T. Girard

Chief Engineer
John Winterbottom, C.E.

Head Chauffeur
Albert L. Wilder

Chief Mechanic
Howard R. Gallant

Maintenance Foreman
Horace B. Selby

Grounds Foreman
Louis Annunziata

Report of the Director of The McLean Hospital

To the Trustees of the Massachusetts General Hospital:

The report of the McLean Hospital for the year ending December 31, 1952, is respectfully submitted.

THE past year which was the one hundred forty-first since the charter was granted to found an asylum later named McLean Hospital, has been an interesting and a busy one. There were 281 patients admitted to the hospital during the twelve months of 1952, and 275 patients discharged during the same period. Of the patients discharged, 31 were recovered, 129 improved, 25 were without psychoses, 30 were discharged as not improved and 23 were deceased.

Although the number of admissions have been fewer than last year, the patients admitted have been very ill. Therefore, it has been most satisfying to see so many patients recover and return to their homes and normal lives. It isn't possible to reveal the stories of these people, dramatic as some of them are, for many people do not want their friends to know they have been mentally ill. However, their letters to us are most gratifying and encourage us to continue our work.

The financial statistics are for a nine months period ending September the 30th, since the fiscal year has been altered to coincide with the General Hospital and the Treasurer's office. Although the income has been greater this year, the end result has been a deficit due to the fact that the expenses were larger, and the cost of repairing the various buildings, most of them over sixty years old, seems to grow heavier each year.

During the year the Chief of Service, Dr. Paul M. Howard, has had to execute many administrative duties due to the illness of the Director. He has carried on in a most admirable manner and the Director is grateful to him and to the various others who have done their share and more, so ably and willingly during his illness.

There have been several changes in the Staff this year. In March Dr. Dorr Hallenback resigned to enter the Army, and in July Dr. John Lamont resigned to go into private practice and do part-time work in Dr. Stanley Cobb's department. Dr. Peter Sifneos also left the Staff to become a member of Dr. Cobb's department. Dr. William Horwitz resigned to work at the Judge Baker Foundation with Dr. George Gardner, but has been able to give some of his time in the Employees' Clinic which is a very active unit, doing annual physical examinations on all personnel in addition to caring for any emergencies that have arisen.

We were most fortunate to have Dr. Willis H. Bower return to the Staff in February and he has assumed charge of the Women's Service in Dr. Lamont's place. We were pleased to have Dr. Maria Lorenz return in September as a part-time member of the Staff.

Other additions to the Staff during the year were Dr. Dorothy B. Chamberlin, Dr. Samuel Bogoch and Dr. William M. Crowell.

The professional staff and the nursing services have maintained the standard of patient care at the usual high level. This has been achieved in spite of the acute shortage of nurses. The services of part-time nurses have helped immeasurably. Many of the nurses working part-time are women whose family duties have lightened and who wish to return to their profession and are most welcome. Others are nurses, both boys and girls, attending college, who are still able and need to work a few hours a week. Still others who are helping during this acute shortage are the older nurses who do not wish full-time positions and yet wish to continue working in a part-time capacity. The hospital has also a number of college students working part-time as attendants.

In the Spring, the Investiture Services were held in the Samuel Eliot Memorial Chapel at which twelve students were accepted formally into the School of Nursing. Mrs. Evangeline Morris, Dean of the School of Nursing at Simmons College, gave the address.

In May twelve nurses received their diplomas at the graduation exercises at which Dr. Edward Churchill, Surgeon in Chief of the General Hospital, gave the address.

At the annual meeting of the Nurses Alumni Association in June, a memorial stained glass window in the Chapel was dedicated to Harold and Sarah Hayford who were both graduates of the School of Nursing and closely associated with the hospital for many years. The window was given by members of their family and many friends.

We regret to report the death of three loyal members of the Hospital family.

Mr. James Gordon, Engineer

Mr. Colin Falla, the Head Baker for many years.

Mr. Leon Felker, graduate of the McLean School of Nursing, night Supervisor on the Men's Service for many years, a fine gentleman and excellent nurse.

In April, forty-five employees were awarded service pins. Among them was Mr. Alfred Mercer of the Upholstery Shop who received the first 50 year pin to be awarded at McLean. Mr. Lowell presented the pins and at the end of the exercises he was presented a one star pin in recogntion of the ten years he has been Chairman of the McLean Committee.

There have been 165 service pins awarded during the past six years with 110 recipients still in active service. There are 81 employees still working at the hospital who have served for 20 or more years.

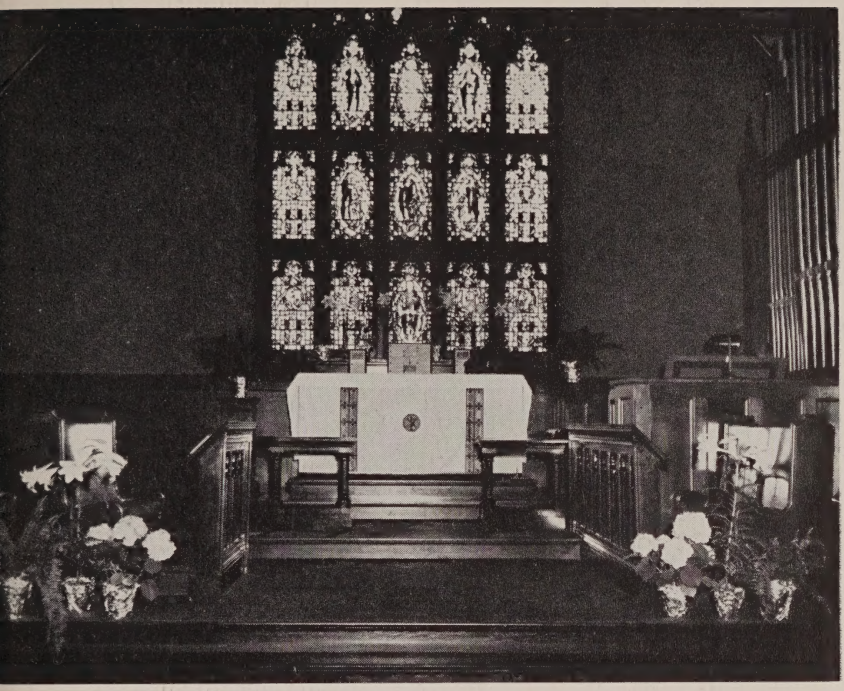
Worthy of praise is the continued loyalty of the employees who carry out their duties in an efficient and prideful manner.

In February, Mrs. Judith Atwood joined the hospital family as Librarian. She has done excellent work running the Library which is one of the main centers of the social life of the hospital.

In the winter, bridge parties, teas, musicales, movies and dances were held.

During the summer months various sports were carried on, and they highlighted the celebration of the Fourth of July with the organization of special events, tournaments, and field games.

The Christmas festivities were celebrated throughout the hospital with trees on various halls. Among the numerous activi-



Stained Glass Window, Samuel Eliot Memorial Chapel

The Chapel

ties on the program were carol singing in the different buildings, special teas, and holiday dances for both patients and employees.

The Reverend Cuthbert Fowler has continued to hold services in the chapel Sunday afternoons. We regret that he feels he must retire this summer for he has been a faithful member of the hospital family.

Reverend Father Sullivan and his assistant have served those of the Roman Catholic faith whenever called.

We are very appreciative to the Stigmatine Fathers for helping the hospital to institute regular Sunday morning church services in the chapel.

During the year the hospital was inspected by the Department of Mental Health, the Department of Public Safety, and the Department of Health. At this time we thank Dr. Jack R. Ewalt and Dr. Peter Hagopian for their help throughout the year and also Chief Engineer, Mr. Clarence I. Sterling, Jr. of the Health Department, and Mr. George L. Neuman of the Department of Public Safety.

We wish to thank the following for their generous gifts to the hospital:

Mr. and Mrs. Saul Kaplan
Miss Irene Hirsch
Mr. and Mrs. Gustav Hirsch
Henry M. Pollock, M.D.
Mrs. Alice Farnham
Mr. Frank Hill Smith
Dr. David M. Little
Mr. William H. Nye
Mr. Charles DiPesa
Mr. and Mrs. Harvey P. Hood
Mr. and Mrs. Alfred Converse
Mr. Morris F. LaCroix

Space does not permit us to give a separate report for several important departments.

Mr. Horace Selby and his group attend to the maintenance of the buildings. The daily repairs seem to be more and more each year. Mr. Burke in the Upholstery Shop, Mr. Albert Allen

in the paint shop and Mr. Edward Smith in the carpenter Shop with their helpers do exceptionally well in keeping up the repairs.

Mr. Howard Gallant with his group keep the cars and trucks on the road. The cars are used mainly for the pleasure of the patients and cover many miles in the course of the year.

Mr. Annunziata with the groundsmen keep the grounds looking very well during the year. Many of his men have grown old in the service of the hospital and it is almost impossible to replace them as they reach the retirement age.

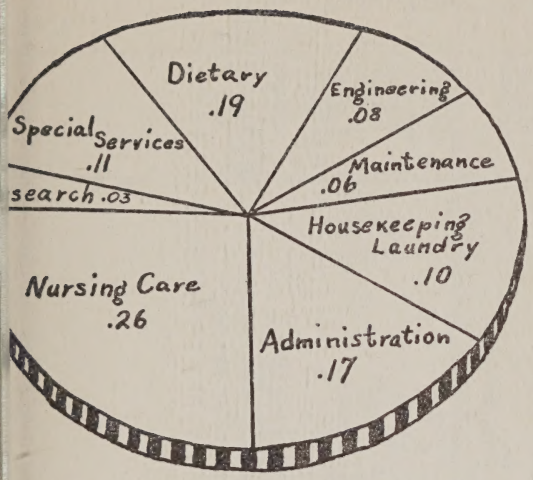
The greenhouse under Michael Lomedico, not only provides flowers all year for the wards, but has special flowers for Easter and Christmas.

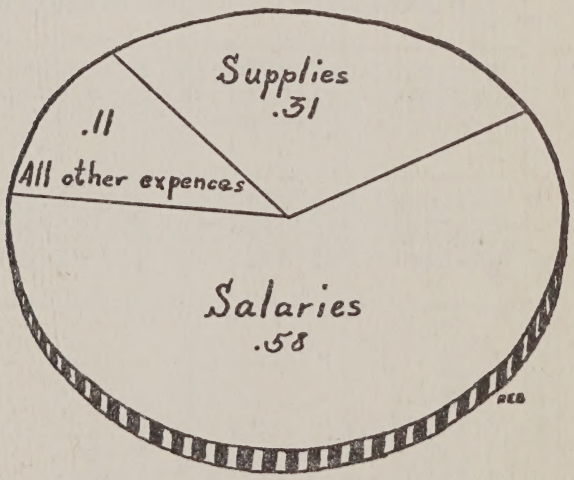
We appreciate the understanding and help of the Trustees especially the McLean Committee.

Respectfully submitted,

W. Franklin Wood, M.D.
Director

HOW THE HOSPITAL DOLLAR WAS SPENT IN 1952





McLEAN HOSPITAL — EXPENSE AND REVENUE STATEMENT — 12 MONTHS, 1951

HOSPITAL EXPENSES

	1952	1951
SALARIES AND WAGES		
Administration, Officers and Clerks	$47,131.50	$45,175.03
Medical Officers	49,811.28	52,144.60
Superintendent of Nurses and Assistants	51,392.38	43,463.07
Women Nurses, Ward Helpers, Beautician	189,738.91	172,440.31
Men Nurses, Attendants, Barber	87,297.25	70,027.51
Housekeeping, Maids, Porters	90,162.11	79,488.55
Diversions and Occupational Therapy	11,780.00	11,645.48
Laboratories	3,535.92	3,183.00
Mental Hygiene Clinic		
Kitchen and Dining Rooms	66,440.08	64,678.15
Laundry	25,092.27	23,099.85
Garage	12,129.71	11,340.35
Coffee Shoppe	4,847.10	4,119.10
Roads, Grounds and Garden	30,030.61	26,577.16
Power Plant	22,389.54	21,012.75
Maintenance of Buildings	39,586.65	39,181.06
Scientific Research Lab.	17,160.27	15,974.84
Pensions	15,544.35	18,627.08
Research Funds	15,204.99	7,095.00
Total Salaries and Wages	$779,274.92	$709,272.89
SUPPLIES		
General Administration Expenses	$19,088.37	$19,322.13
Libraries	408.23	635.28
Medical and Surgical Supplies	16,367.26	17,600.50
Nurses' Uniforms and Equipment	1,350.07	1,823.49
Kitchen and Dining Rooms	9,041.08	7,696.24
Housekeeping	15,493.94	17,760.07
Laundry	2,352.19	3,491.05
Groceries and Provisions	131,250.34	140,234.20
Garage	9,066.03	6,172.54
Coffee Shoppe	10,764.23	10,728.80
Roads, Grounds and Garden	2,093.49	2,492.69
Power Plant	78,961.89	84,214.66
Maintenance of Building	14,013.39	12,984.40
Laboratories	2,451.10	4,638.07
Diversion	2,398.29	1,844.52
Purchases for Patients	95,645.76	84,114.08
Training School	6,346.35	5,142.22
Occupational Therapy	2,757.12	2,960.03
FICA Taxes	21,877.83	19,135.68
Mass. Hospital Service	5,869.16	5,289.77
Withholding Tax	83,936.59	64,967.97
Cadet Nurses		
Scientific Research Lab.	2,902.74	3,024.44
Harmon Assoc.		
Research Funds	8,919.71	1,605.66
Harvard Retirement Plan	3,504.00	3,224.00
Total Supplies	$546,859.16	$521,204.49

HOSPITAL RECEIPTS

	1952	1951
Board of Patients	$899,147.93	$892,107.80
Private Drives		
Contributed from Hospital Funds: (9 Month Period: $242,427.21)		
Miscellaneous Cash Credits:		
Massachusetts General Hospital		
Accommodations (Employees)	44,082.49	46,713.45
Administration Expenses	12,373.88	10,225.71
Libraries		
Medical Supplies	3,872.41	3,463.18
Nurses' Uniforms and Equipment	278.39	439.31
Kitchen and Dining Rooms		
Housekeeping	91.85	178.09
Laundry		
Groceries and Provisions	1,718.47	2,104.54
Garage	1,725.88	1,663.91
Coffee Shoppe	16,460.86	12,370.73
Roads, Grounds, and Garden		
Power Plant		
Maintenance of Buildings		1,223.33
Meals — Employees	28,124.94	25,938.59
Diversions		
Purchases, Patients'	145,911.58	149,833.80
Training School	2,464.47	2,213.77
Occupational Therapy	345.20	612.99
FICA Taxes	11,005.06	9,580.04
Mass. Hospital Service	5,751.63	5,220.96
Withholding Tax	83,995.09	64,967.97
Cadet Nurses		
Harmon Assoc.		846.00
Harvard Retirement Plan	1,492.00	1,375.55
Scientific Research Lab.		500.00
Total Receipts	$1,258,842.13	$1,231,579.72

SUMMARY

HOSPITAL EXPENSES	1952	1951
Salaries and Wages	$779,274.92	$709.272.89
Supplies	546,859.16	521,204.49
Total Expenses	$1,326,134.08	$1,230,477.38
Cash Sent Treasurer		
Capital Expenditure		
Total Disbursement	$1,326,134.08	$1,230,477.38

HOSPITAL RECEIPTS		1952	1951
Total Hospital Receipts		$1,258,842.13	$1,231,579.72
From Treasurer		65,000.00	
Total Receipts		$1,323,842.13	$1,231,579.72
Cash on Hand:			
January 1, 1951	$29,008.04		
September 30, 1951	30,110.38		1,102.34
January 1, 1952	9,143.78		
September 30, 1952	6,851.83	**2,291.95**	
		$1,326,134.08	$1,230,477.38

RESEARCH EXPENSE — 9 Months	1952	1951
Scientific Research Lab.	$20,063.01	$20,679.28
Clinical Lab.	6,438.30	8,745.35
Research Funds	24,124.70	8,700.66
	$50,626.01	$38,125.29

McLEAN HOSPITAL

Statistics for Fiscal Period Ending September 30, 1952

		1952		1951
Patients in Hospital First of January		191		194
Patients on visit First of January		29		34
		220		228
Patients Admitted During 9 Months		209		217
Patients Discharged During 9 Months		213		235
Without Psychosis	18		22	
Recovered	27		32	
Much Improved	29		44	
Improved	97		98	
Not Improved	21		27	
Deceased	21		12	
Patients in Hospital End of September		194		191
Patient on Visit End of September		22		20
		216		211
Total No. Days' Treatment		53,115		53,914
Free Patients		1,801		1,785
Patients paying less than $20		35,389		24,492
Patients paying $20 or more		15,925		27,637
Average Patients per day		194		197
Free Patients		7		6
Patients paying less than $20		129		90
Patients paying $20 or more		58		101
Average Rate of Board Charged Per Day		16.703		16.371
Average Cost Per Patients Per Day		17.709		16.437
Daily Cost per Capita for Provisions for all Persons Supported		1.3147		1.3394

Appleton House

Upham House

Report of the Clinical Service

THE complex task of caring for Psychiatric illness has continued during the past year at McLean. The current patients have been cared for. Research has been carried out, which is looking towards the care of present and future patients. And teaching has been done, which trains the less experienced to give better future care, and to share in the present work under supervision.

The hospital has continued to be motivated by a variety of ideals. Many different sciences, methods of thinking, and ways of relating to patients run in correlative effort towards the betterment of mental health. But one tribute to McLean which I have heard over many years is that the many therapists (attendants, nurses, doctors, and other personnel) give the patients and their families an impression of kindness, interestedness, and helpfulness. This spirit spreads and also becomes active between patients. If the illnesses were fractures and fevers then such a spirit might be largely a sentimental accessory to splinting and drugging. But in treating Mental Illness kindness and interestedness are often positive healing forces. Their tradition is not easy to initiate, is pleasant to perpetuate, but does not continue without effort. They would be easy to lose in indifference, largeness of plan, or in scientific curiosity and methodology. The patient requires exposure to a spectrum of very personal attentions which generate from the personal attitudes of the Staff.

Some of the ideals of the hospital might be inferred by specific mention of a few tasks often done for the patient: we protect his legal status; most often let him sign a "voluntary"; obtain some of his money; restrict or add to his freedom; give him occupation; start habits of relaxation and work; relieve his sadness or hallucinations; treat his headaches; encourage his marriage or business; measure and influence his hormones; give him a feeling of value in his being and activity; interpret his complexes and ways of getting into trouble; encourage practicality; get his friendship; submit him to discipline; analyze his blood and (animals') brains; guide his family; give him a place in a group of patients.

The facilities for the care of patients remain about the same as in previous years. It was possible, however, to expand the second floor of Proctor for the care of 16 patients of the older age group. The patients are able to live in groups of congenial size, about fifteen per hall, to eat in their own dining room, have their own activities on the hall. They join in larger and smaller combinations for occupational therapy such as carpentry or pottery, in gymnastic activity particularly bowling and badminton, and go to church, tea, movies, beauty parlor, library, physiotherapy, or out visiting or shopping.

The interrelationship of patients in the groups is of particular interest and value. Group living has great therapeutic effect, particularly necessary with our patients who all have trouble with social relationships. Much of the difficulty in nervousness is in poor interpersonal relationships, with repetitive patterns such as oversensitivity, demandingness, inflexibility, isolation, or emotionally distorted judgement with other people. These have led to unbearable life situations. (Or such attitudes in relatives have often led to turmoil in the patient.) Physicians, nurses, and other workers continually manipulate the depressed, aggressive, inarticulate, or inconsiderate persons in the groups by healthy activities, communication, sharing, and distraction. It is an art to draw people from sick social attitudes to a degree of interaction. It is not done quickly, by coercion, or with theorizing. But enthusiasm, tolerance, discipline, occupation, participation, and a light touch are some of the psychiatric instruments taken to hand. Psychotherapy is often useful. The "operating rooms" are the living room, the occupational shop, the badminton court, the bedside, the interview room. And as much as possible the patients do things on their own improved ability.

The age distribution of the patients reflects some problems of care. Because of increasing longevity and a more popular acceptance of hospital care, about half of those requiring care in mental hospitals now show the failings of old age. The population at McLean reflects this with the older half of patients, one hundred in number, averaging age 77. Both physical and psychological problems in geriatrics are solved; it is not merely custodial care. Aged memories may fail but personalities retain many needs.

The newly admitted patients, who stay about two months on the average, and are about 50 or a quarter of the population in number, averaging 42 as to age. They range from their teens to the eighties. Their intelligence is good, social assets often unusual, and they suffer brief psychoses or acute difficulties in neuroses. During convalescence they are very alert, active, and need a great deal of attention if any change in their personality is to be effected.

The average patients per day was 199, maintaining the slight increase shown last year; the admissions were 274. The large number of admissions engages a great deal of the work of the Staff. Patients on discharge were 80% of them improved or recovered. The largest group in the admissions were the psychoneuroses.

The diagnoses of the discharged cases were: Total 274; Psychoneurosis 58; Manic Depressive 51; Schizophrenia 51; Psychosis with Cerebral Arteriosclerosis or with Senility 30; Alcoholism or Drug Addiction 26; Involutional Melancholia 20; Paranid Condition 12; Other Diagnoses 26.

The physical condition of the patients was in general good, but with many aged under care there were some illnesses. New patients and consultations were seen by the Internist, Dr. Mark D. Altschule, and many consultations in surgical, orthopedic, and other specialties were given by physicians of the Massachusetts General Hospital Staff. There were 23 deaths, almost all in the aged, and all due to cardiovascular disease or its complications. There were nine major, and nine minor operations, with good surgical and post-operative care. Routine Clinical Laboratory tests were done on all patients; there were 1153 x-rays taken of patients and employees, and also 194 electrocardiograms and 55 basal metabolisms. Occasional electroencephalograms were done as indicated. The Pharmacy, Dental Clinic and Dietary Kitchen were very busy. The Clinic for Employees was very useful, with some of the employees cared for at the Massachusetts General Hospital. Newly admitted patients required careful physical observation and would often improve in nutrition and hydration. They were given such special medical care if it was needed. The good number of nurses, relative to the fewer number in general hospitals, made

it possible to care for the sicker patients without the uses of special nurses.

The physiological approach to mental illness was used as we thought it indicated, after periods of study, and where any disadvantages of such treatment were outweighed by the promise of shortening the psychiatric illness. Thus electric shock treatment, and sub-coma insulin (thrice daily) were frequently helpful in bringing remission to the acute psychoses; hormonal injections were occasionally of use; and the attempt to improve general physical health was routine. Sedatives were prescribed sparingly as needed, especially for a limited time: proper nursing, occupational and physiological care does more for the disturbed patient. A very few patients are suitable for Lobotomy, but it is very helpful in the relief of suffering and with less extensive operations there is minimal personality damage — the relief of symptoms rather releasing the patient for better social adjustment. None of the physiological approaches are thought to be constructive in developing healthier social attitudes, so that psychotherapy and individual personal care are as necessary as ever — in fact, more patients are now accessible to approach. With physiological relief of psychotic symptoms the neurotic and social problems of patients can and must then be treated.

As noted last year the verbal therapies take a third of the physicians time, as opposed to a fiftieth of the time devoted to insulin and electric shock. There is much psychotherapeutic work to be done in rehabilitating and readjusting the patients' emotional lives through psychotherapy, so as to bring about more maturity and the solution of conflicts. The physicians can in all give about 90 hours a week in interview therapy, beyond other kinds of care.

Psychiatric teaching continues for the residents and physicians who are credited with two years' training towards certification by the American Board of Psychiatry. About a quarter of the time of the physicians is spent in teaching including supervised administrative and clinical conferences, and the teaching of nurses by the medical staff. There are bi-weekly Staff Conferences, and daily administrative and tri-weekly conferences on psychotherapy. Residents may attend the post-graduate seminars in Neurology and Psychiatry given by the Department of Mental Health. One resident helped in the Out-Patient De-

The Main Drive

Entrance to the McLean Hospital, Waverley, Massachusetts

partment of the Massachusetts General Hospital and attended their conferences. Dr. Stanley Cobb has been able to attend some of our conferences. Half of our Staff has been certified by the American Board of Psychiatry and Neurology, experience thus helping in teaching. Staff Conferences are attended by the Harvard Medical Students, thirty-five of whom spent a month each at the hospital; and they also have conferences and a good deal of case-work of their own.

The Psychology Department has been very helpful in the appraisal of cases. Mr. John Hogerty resigned in September to study medicine, and Dr. Irene Pierce was appointed at that time.

Three new physicians have come on the Staff: Dr. Dorothy B. Chamberlin, Dr. Samuel Bogoch, and Dr. William M. Crowell. The return of Dr. Willis H. Bower as Chief of the Women's Service was very gratifying, as well as the fact that Dr. Maria Lorenz has been able to find an interesting program in half-time association divided between McLean and the Psychiatric Service of the Massachusetts General Hospital.

We regret the resignations of Dr. Dorr F. Hallenbeck, Dr. John H. Lamont and Dr. William H. Horwitz. Dr. Horwitz has been able to continue to help out in the employees clinic, an arrangement which has freed the time of psychiatrists for the care of psychiatric patients.

The Reports of the Scientific Research Laboratory under Dr. Jordi Folch-Pi, and that of the Laboratory of Clinical Physiology under Dr. Mark D. Altschule, are submitted by them under separate headings. Their activities and many publications have constituted useful research in the biochemical and physiological spheres that increasingly become closer to psychological and social views of the patient.

The Staff is grateful to the nurses and personnel for their excellent work in caring for the patients and maintaining the departments of the hospital. And also especially we want to thank and express our appreciation to the Trustees, particularly the McLean Hospital Committee, for their competent guidance, and unfailing interest.

Respectfully submitted,
PAUL M. HOWARD, M.D.
Chief of Service, Acting

Report of the Director of Internal Medicine and Research in Clinical Physiology

THE increase in the number of beds available for senile patients and the aging of the patients receiving chronic care has resulted in a considerable increase in the number of ordinary medical problems during the year. Of the two hundred patients in residence at present, approximately one hundred and fifty were admitted for chronic or terminal care; most of these patients are over sixty years of age. The care of these patients involves more medical than psychiatric supervision, since many of them have nutritional disorders, cardiovascular disease, or diabetes; in addition, they are abnormally susceptible to bacterial and viral infections. A few develop surgical disorders as well, such as fractures, carcinoma, etc. and their postoperative care requires the attention of an internist. The best care of this large group of patients requires a staff trained and interested in the problems of internal medicine and with sufficient time to pursue the study and practice of this branch of medicine. There is ample evidence that the care of this group of patients can not be optimal if left to a staff interested and trained mainly in the practice of psychiatry, especially in view of the fact that conscientious psychiatric treatment is so time consuming. The problem has made its presence felt at the McLean Hospital with increasing force in the last few years; it can best be met by the appointment of a resident in medicine.

The investigative work carried out in the Laboratory of Clinical Physiology has continued along the paths indicated previously. The nature of the well-known disturbance in carbohydrate metabolism that occurs in psychotic patients has never been elucidated; it is now under intense study in the Laboratory. This work is under the direction of Dr. Dorothy H. Henneman, recipient of a post-doctoral fellowship of the United States Public Health Service; it is evident that there is a disorder on intermediary carbohydrate metabolism in patients with manic-depressive, involutional, and schizophrenic psychoses. Studies of means that might be used to correct this defect have thrown

some light on the mechanisms involved but have not yet provided information that might be useful therapeutically. A small metabolic unit would be most helpful in facilitating this work.

The Laboratory has been aided by a generous donation from the Wilson Laboratories and by gifts of expensive supplies from that organization and from the Schwarz Laboratories.

During the past year Mrs. Elaine P. Siegal, now the mother of a son, left the laboratory after several years of conscientious service. Her place was taken by Mrs. Martha Abbot of Belmont. Miss Rose-Marie Restaino was promoted to the position of research technician and her clinical duties were assumed by Mr. John P. Murnane, an undergraduate at Boston University, who is working here part-time. Mr. Julian Kitay, a fourth year student at the Harvard Medical School, has maintained his unsalaried connection with the Laboratory.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Internal Medicine and of Research in Clinical Physiology

Report of the Director of Scientific Research

DURING 1952 there have been no changes in the staff of the Research Laboratory. The staff consists at the present time of five M.D.'s, two Ph.D's, five technicians, one laboratory assistant and one secretary.

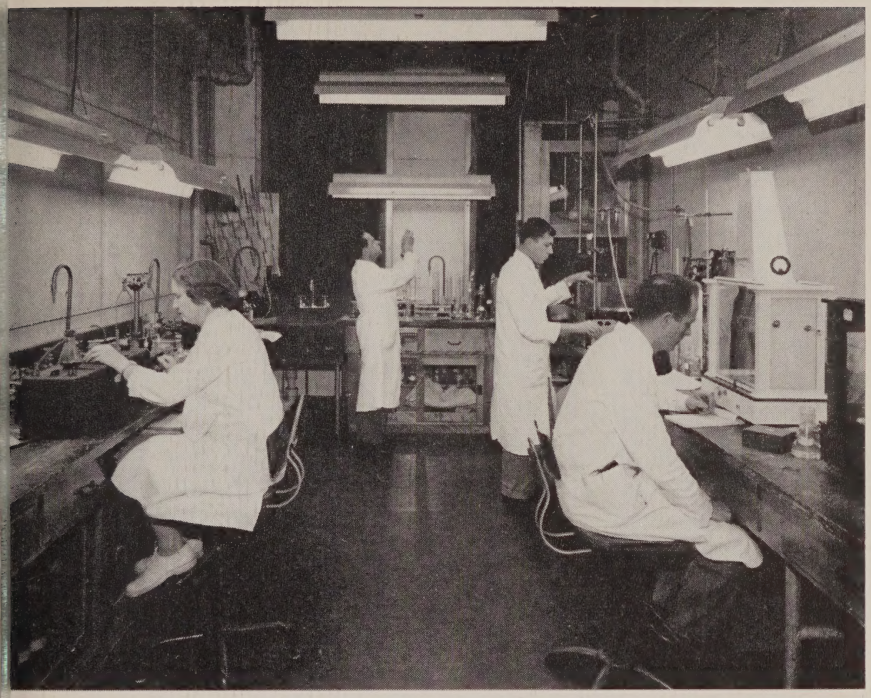
Assistance substantially higher than last year was received in the form of grants-in-aid and/or fellowships from the American Cancer Society, the U. S. Public Health Service and the Damon Runyon Fund. This assistance for restricted use has reached a grand total of $52,152.78 exclusive of fellowships. This figure compares to the sum of $46,329.66 received during 1951.

Besides this assistance for restricted use, the Research Laboratory, has received during 1952, a grant of $100,000.00 from the Rockefeller Foundation to be used without limit of time for the Study of Brain Chemistry, at the discretion of the Trustees. The availability of this unrestricted fund will clearly lend stability to the program of the Laboratory.

The research work carried out during the year was reviewed by the Advisory Committee at its meeting of January 29, 1953. As stated at that time, the following progress had been made:

Biochemical Studies

Studies carried out have consisted essentially of a continuation and expansion of the earlier work on tissue components and of the investigation of some related problems. Work has dealt specifically with strandin, proteolipides, and phosphatido-peptides, three different groups of compounds, the isolation and partial identification of which has already been reported; with the isolation of brain proteins; with the state of copper in brain tissue; with the chemistry of acetal phosphatides; with the identification of the causative agent of allergic encephalomyelitis; and finally, with the study of chemical changes in brain during development.



nstant Temperature Room for Specialized Instruments, Laboratory of Scientific Research

A View of the Golf Course

In the case of strandin, a simplified method for its preparation has been developed. The chromogenic group has been found to be identical with, or closely related to, sialic acid, a compound which Blix has isolated from submaxillary mucine.

In the case of proteolipides, their study has yielded evidence for the possible existence in tissue of proteolipide-splitting enzymes. In the case of phosphatido-peptides, which, as already reported, are a new group of phosphatides constituted by inositol diphosphate, fatty acids, and short peptide chains, the presence of compounds of a similar nature, but having an alcohol other than inositol as a constituent, has been shown.

In the case of brain proteins, it has been found that by the classical procedures of extraction with buffered aqueous solutions, or with water alone, only a small constant fraction can be extracted from the tissue. However, by processing the tissue at vanishing ionic strength on the acid side of the isoelectric point of proteins, three exhaustible fractions have been isolated. One of them exhibits a tremendous increase in viscosity on addition of neutral salts to its aqueous solutions.

Closely related to the work on proteins has been the work on the state of copper in brain tissue. It has been found that total lipides contained no copper. It has been possible to obtain consistently, from both gray and white matter, a copper-containing protein fraction. It accounts for about 30% of copper from gray matter and 50% of copper from white matter. One brain from a patient with Wilson's disease that has been studied has been found to contain tenfold the amount of copper present in normal human brain. The copper-containing fraction obtained from it, contains twentyfold the amount of copper found in the similar fraction prepared from normal human brain.

The study of acetal phosphatides is a new line of work. Progress made thus far has resulted in the development of the first steps of a simple procedure for their isolation. Observations already made warrant the conclusion that the chemical structure attributed to acetal phosphatides is incorrect and that the preparations of acetal phosphatides obtained by different authors are only artifacts of procedures followed.

The work on the causative agent of allergic encephalomyelitis has been carried out in collaboration with Drs. R. D. Adams

and B. Waksman of the Department of Neurology of the Mass. General Hospital. It has been found that the agent is most likely not a proteolipide, at variance with recent observations from Tal and Olitsky, which appeared to show that proteolipides were the causative agent. Instead, observations made allow the tentative conclusion that the agent is an acetal phosphatide. Consistent with this conclusion are the observations that acetal phosphatides are absent in the brain of the newborn, and that white matter is much richer in them than is gray matter. It is already well known that brain tissue of the newborn and gray matter fail to produce the disease.

The study of the chemical differences in brain tissue in the course of development has been carried out in collaboration with Dr. J. Casals of the Laboratories of the Division of International Health of the Rockefeller Foundation. In the albino mouse, which is the animal that has been the subject of this study, it has been found that there is a gradual increase in the per cent of solids, of proteins, and more especially, of lipides, from birth to adult age. Proteolipides, which are essentially absent from the brain tisue of the newborn mouse, appear in measurable amounts about the eighth day and their concentration increases, this increase paralleling the degree of myelinization of the tissue, insofar as can be ascertained by examination of myelin stains in brains from mice of the same age. On the other hand, strandin is present at birth and while it increases further in concentration, this increase parallels the increase in protein concentration and not the much greater increase that the lipides show.

Neuropathological Studies

Doctor Pope's group has continued its program of studies upon the quantitative enzymatic histochemistry of animal and human cerebral cortex.

Final details of a new ultra micro method for assay of cytochrome oxidase have been worked out, and the method employed both for estimation of this enzyme in a number of tissues of the rat, and for further expermients upon its quantitative distribution within the cytoarchitectonic layers of rat somatosensory cortex. Cytochrome oxidase activity is high in grey cortex compared to white matter and is especially so in archi-

tectonic layers IIa, IIIb, and Vc. Its intracortical distribution pattern is consistent with primary localization of cytochrome oxidase in nerve cell bodies and their larger dendrites. Similar micro methods are now also being developed and utilized for quantitative histochemical study in brain of enzymes concerned with the metabolism of adenosinetriphosphate and related compounds (ATPases, pyrophosphatase, 5-nucleotidase, etc.)

Studies have continued upon the activities and intracortical distribution patterns of enzymes in biopsy specimens of human frontal cortex. This work is being done with the clinical collaboration principally of Doctor Milton Greenblatt and associates at the Boston Psychopathic Hospital. Specimens are excised under standardized conditions during the course of frontal lobotomy upon patients with various forms of mental illness or intractable pain, each patient having previously been subjected to special psychiatric evaluation, psychometric testing, and electroencephalography. The specimens received during 1952 have been utilized for additional experiments in the series upon the architectonic distribution of alanylglycine dipeptidase, cytochrome oxidase, and acetylcholinesterase. The patterns have continued consistent with previous findings. Dipeptidase is highly, and quite uniformly, active throughout the layers of human cortex and even in the subcortical white matter. This is thought to be consistent with its primary localization in neuronal and neuroglial cell bodies. Cytochrome oxidase shows a distribution essentially similar to that found for it in rat cortex and presumably open to similar interpretation. The mean activities of these enzymes per specimen have varied widely in each series, but no correlations between clinical and laboratory findings have yet been attempted. From each specimen standard chromatic and metallic histological preparations are made for neurones, neuroglia, and myelin sheaths. These have been reviewed for evidence of any acute or chronic neuropathological processes affecting the anatomical elements of the nervous system but thus far without consistent or significant findings.

Respectfully submitted,
J. FOLCH-PI, M.D.
Director of Scientific Research

Report of the

Purchasing and Stewards Department

THE operations of the various hospital departments under the direction of the Steward continued to function much along the same pattern as the previous year. In Food Service, the largest and most vital part of this department, the raw food cost dropped about five per cent over 1951, while the average number of people fed remained about the same. Considerable progress was made on the Ward Kitchens and in the Central Kitchen in replacing obsolete and inadequate food service equipment. There still remains much to be done to improve food service on the wards by installing more modern, up-to-date refrigeration, food warming equipment and suitable dishwashing machinery.

Satisfactory, though limited progress, was achieved in the redecorating and painting program. New color schemes were adopted to make the patients' rooms and furnishings more cheerful and attractive. The Women's Occupational Therapy Music Room and Sewing Room were completely redecorated for the first time in many years with new upholstery, draperies and color treatment. Room improvements were made at the Upham House, East House, Women Nurses' Home and Proctor House. Bearing in mind that the average age of the employee painter, upholsterer and cabinet maker is over sixty, the work accomplished under this category was considerable. I would recommend that some thought be given to a stepped-up program of interior painting in all of the larger buildings of the hospital.

The Coffee Shop continued to operate on a sound business basis. No expenditures for additional furnishings or equipment was made or is planned. Despite the gradual falling off of the staff in the Department of Garden and Grounds, activities carried on very well. The usual operation of the two greenhouses and flower garden filled the requirements throughout the year and during the holiday seasons for cut flowers and potted plants. During the months of June through September, sufficient fresh

Coffee Shop

A Section of the Green Houses

fruit and vegetables were produced to satisfy hospital requirements. A constant problem is that of road maintenance and repair. I feel that a program of resurfacing the main roads on the grounds would be a big contribution to the safety, convenience and appearance of the hospital. As in the painting department, the average age is over sixty among the fifteen employees in the Garden and Grounds.

The hospital Laundry, another very important sub-division of the Stewards department carried on the same level of production both in quality and quantity. Personnel turnover, which is unusually high in this department showed a slight increase over the year before. No capital investments were made for equipment during the year, but I strongly urge consideration for replacement of an extractor and tumbler dryer. Both of the present pieces in use are several years old and the efficiency and safety of these operations would be greatly improved if replaced with new machinery.

A common problem concerning employee relations in the Stewards department is housing. Since most of these people must start work at an early hour and, as in the case of those who serve food, they must work broken shifts, it is necessary that rooms be available for such employees. Unlike other similar institutions, which are located nearer industrial areas or heavily concentrated localities, McLean can not depend on the community to enlist this type of employee. Therefore, proper housing facilities are a requisite whenever the problem of employee replacement arises. The need for comfortable, well heated and attractively furnished rooms for this class of employee is very important to the continued efficient operation of the Stewards department. One task accomplished during the past year was the furnishings, painting and decorating of two recreation and rest rooms for employees. This work was greatly appreciated and has resulted in a definite boost in employee morale and satisfaction.

Respectfully submitted,
ALEXANDER ARMOUR
Steward and Purchasing Agent

Safety Committee

THE McLean Hospital Safety Committee was organized and held its first meeting on October 6, 1952. Meetings were held twice each month throughout the remainder of the year. Our primary concern is with accident and safety control, both patient and employee, throughout the entire hospital. This is being accomplished by reviewing all accidents, determining the causes of accidents, removal or correction of physical hazards and control of unsafe acts through employee training by the use of posters, job orientation, and employee education. Future plans for promoting safety consciousness include the use of speakers, films and frequent fire drills.

Throughout the year there were a total of 92 employee accidents which resulted in 95 days lost due to injury. This in itself may seem insignificant but each and every accident hampers the functioning and smooth operation of that particular department. Greater significance can be given to these figures when we consider the current shortage of trained personnel in the various departments.

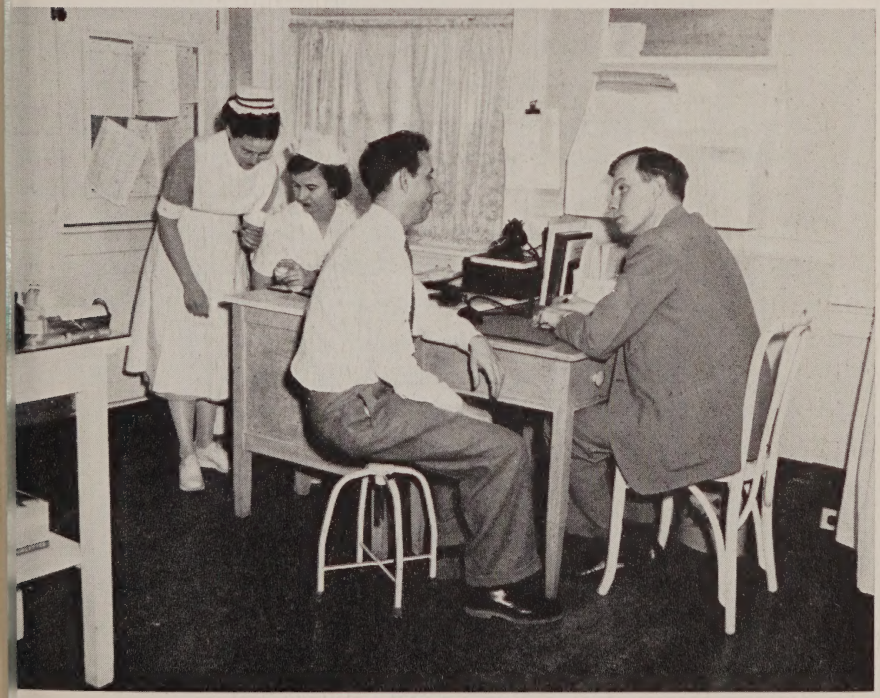
The accident frequency rate of 14.6 for the hospital is somewhat higher than the 10.1 average for hospitals throughout the country. The greatest cause of accidents, 36 for the year, was through the lack of instruction and attention by personnel while using equipment.

The members of the committee have been enthusiastic in accepting responsibility and their attitude has been one of serious accomplishment without incurring undue expense to the hospital.

The work of the committee has not been directed to fix responsibility for accidents, but to get at and remove the factors which cause accidents. In view of this, all departments have been most cooperative in aiding us to carry on the program.

Respectfully submitted,
JOSEPH T. PREKUP
Chairman

Belknap (Women's)



The Employees' Clinic

The Dental Department

THE Dental Department has been very active through 1952. Most admissions were seen locally in the dental clinic while the more disturbed and restive were examined and treated, as far as possible, on the wards. These treatments are usually confined to routine surgical measures. More extensive oral surgical episodes are done in the operating room.

The policy of the Department is to promote adequate oral hygiene habits among all patients and afford care and treatment to those needing it. Those patients who are considered permanent or scheduled for prolonged hospitalization have primary concern as they are not under the guidance of their family practitioner and thus can easily escape routine dental care. A follow up system has increased our control and attention which precludes the oversight of periodic evaluations.

To assure ourselves that no disease of dental origin goes unidentified, an attempt is made to examine each new admission as soon as feasible after arrival. An oral prophylaxis, full mouth examination and necessary x-rays are then accomplished. In most cases a report of findings is sent to the responsible person outlining the condition and giving an estimate of cost. Work is begun when the authorization is returned.

Although the dental clinic is open a limited number of hours each week, the dentist is on twenty-four hour call and always available for any dental contingency.

The Department is sorry to lose the services of Miss Caroline Nappa who has been the clinic assistant for over a year and contributed greatly to its functioning.

In closing we propose our thanks and gratitude to the Administrative and Nursing Staffs, the Pharmacy under Mr. George Zager and the Operating Room Personnel, for their ever present aid and cooperation.

Respectfuly submitted,
GILMAN W. HAVEN, D.D.S.
Dental Surgeon

Report of the Personnel Department

IN the eight years in which the Personnel Department has operated, over 4,000 interviews have been conducted with the intent of securing and selecting qualified applicants for the many divisions of the hospital. Considering the particular years of operation, it is fast becoming possible to learn more about the future of employment potential through comparisons of annual records.

This year was comparable to 1947 when the post-war industrial demand upon employment resources was high, thus absorbing to a great degree the reservoir of potential hospital employees and exerting more pressure upon department heads and employees. The Defense Mobilization Program appears to have been creating a similar situation since early 1952, and will probably continue to do so until the latter part of 1953. This problem is being solved in part by the facts that our older and experienced employees, who are not retiring, represent a considerable group who have the desire and the skills to do their jobs well, and that the imagination and ingenuity of department heads and their staffs steadily increases in the solving of work problems.

On May 2nd, service pins were awarded to forty-five long-term employees. Among the recipients was Mr. Alfred Mercer, first McLean employee to receive a fifty-year award. There are now eighty-one employees who have been employed for twenty years or more.

This year marked the beginning of employee retirement under the Social Security Act. Of fifty-four people eligible, only nine applied for benefits and five went into retirement.

In the September Blue Cross-Blue Shield Drive, forty-five additional employees applied and were accepted to membership. It seems likely that in the next drive a new group will be formed, which will give members additional benefits.

Service Pin Awards, April, 1952

Miss Ruth MacLeod, Supervisor, Women's Service, 30 year pin; Mr. Alfred Mercer, 50 year pin; Miss Ann Connor, Assistant Director Nursing Service, 10 year pin; Mr. Ralph Lowell, Chairman McLean Hospital Committee, 10 year pin; Miss Margaret C. Tibbetts, Director of School of Nursing, 20 year pin.

A Section of the Employees' Recreation Hall

The Annual Employee Christmas Party on December 22nd, under the direction of Mr. Alexander Armour and his staff, was a success. Mr. Armour is also responsible for the redecorating of the Employee Recreation Room which will be opened soon.

The department at this time wishes to congratulate and to thank the newly formed Safety Committee, headed by Mr. Joseph Prekup, for every action taken in the prevention of employee accidents.

The department is most appreciative for all assistance and cooperation rendered it from all members of the administration, every department head, and all agencies and community social services with which it has had contact throughout the year.

Respectfully submitted,
ELLIS K. HOWLAND
Assistant Personnel Director

Report of the Dietary Department

DURING the past year several significant changes have taken place which have resulted in considerable improvement in the Dietary Department.

Of great value was the participation of representatives of this department at the Monthly Head Nurses' Meetings. The result has been a closer relationship between the Nursing Department, the Steward, and the Dietitian. At these meetings, problems which arose during the month were presented, and many valuable discussions and suggestions ensued.

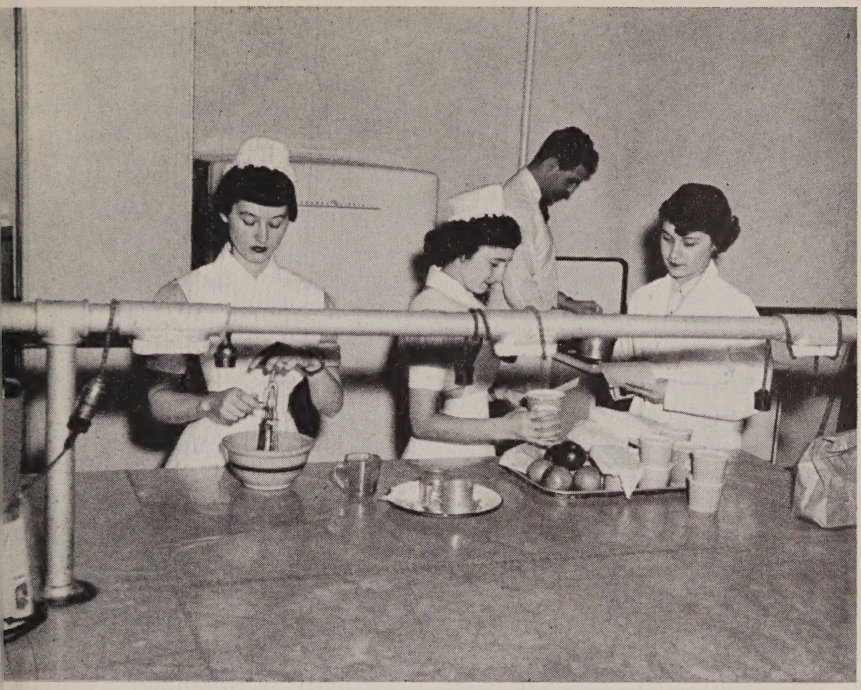
The policy of increased patient contact proved quite satisfactory. On several occasions, patients have offered valuable constructive criticism, and many of their suggestions have been adopted and put into practice resulting in improved service and increased satisfaction. The practice of visiting the wards also uncovered equipment which was in need of replacement. A direct result of these efforts was the installation of new electric stoves on Codman House I, Codman House II and Womens Belknap I, plus automatic dishwashers on Codman House I and Codman House II; These have solved many feeding problems.

Another important physical change was the repair and renovation of the Diet Kitchen which not only provided more sanitary facilities, but also had a benevolent effect on employees' morale.

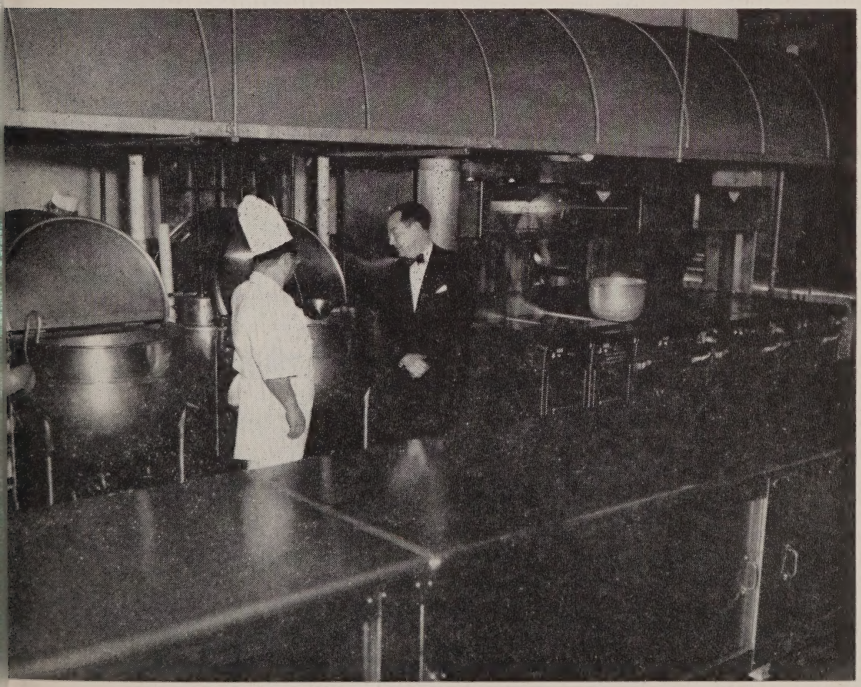
The Instruction and Experience Sheets for students was revised; it is now believed to include more information as well as being more conclusive as to evaluation.

Courses conducted during the year were; Nutrition I, Lecture and Laboratory for the Pre-Clinical students; Diet Therapy for the Junior students; and Public Health Nutrition for the Senior students.

The Diet Kitchen has been cooperating with the Clinical Laboratory in Research in Clinical Physiology. During the past year, Glucose Tolerance Test Diets were prescribed for about twenty patients as part of this program.



The Diet Kitchen



The Main Kitchen

Some difficulties have been encountered in the problems of retaining employees for long periods; it is felt that competition with industry during the present defense build-up is a significant factor.

The usual weekly teas were conducted and they are apparently still enjoyed by all attending. The social high spot of the year was the Annual Christmas Tea which featured Mr. Edmond MacCloskey's splendid reading from Dickens' "Christmas Carol".

A grateful word of thanks is here extended to Mr. Armour and his staff, whose cooperation have made possible whatever progress we have made.

Respectfully submitted,

PAULINE R. OLSEN
Dietitian and Instructor in Nutrition

February 1, 1953

Report of the Psychology Department

IN 1952 the activities of the Psychology Department have been Diagnostic Testing, Teaching and Counseling. Mr. John Hogarty resigned his position in the department in September and was replaced by Doctor Irene R. Pierce. Mrs. Elizabeth C. Anderson, who has been a member of the department for some years, is responsible for Graphological Analysis and for the counseling of individual student nurses.

The teaching program consists of a series of lectures to four classes of affiliates, which are given by Doctor Samuel Waldfogel and Doctor Pierce confers with each group of medical students who spend a month of their psychiatric training at this hospital.

Psychological Testing includes primarily Rorschach and Intelligence Testing as well as Graphological Analysis. Since September 1952, fifty patients were seen and one hundred and six tests administered. Where this is a pro-rated figure on a yearly basis, the average number of patients seen a year is one hundred and twenty, and two hundred and fifty-two tests administered. These figures do not include the Graphological Analysis.

Respectfully submitted,

IRENE R. PIERCE, Ph.D.

Report of the Library

In the past year the library has been actively used by both patients and staff for reading material, records, and television. A much smaller percentage of books has been lost than would ordinarily be expected with such a changing hospital population.

Several patients have helped with the various duties and at present one of the women devotes a few hours daily to the libraary.

A complete inventory was taken during the summer in order to determine losses and to bring the catalog up-to-date. In the course of this project, old books of no current interest were withdrawn from the collection and given to the Metropolitan State Hospital.

An adequate rate of circulation has been maintained for books and periodicals. Weekly ward visits have been made to distribute reading material to those who cannot visit the library and to acquaint new patients with the library facilities.

Several new record albums were purchased and approximately ten books were bought each month. Two issues of the McLean *Gazette* have been published with contributions from patients and staff.

With the assistance of one of the patients a major project was undertaken—the rearrangement of the Medical Library to simplify the locating of books. More work still remains to be done there. A requisition has been placed with the Steward for repainting and brightening the Medical Library sometime in the future.

The weekly Wednesday teas continue to be held. The attendance varies from week to week but is generally good.

Respectfully submitted,
JUDITH R. ATWOOD
Librarian

Administration Building

Library, Administration Building

The Occupational Therapy Departments

THESE departments have been extremely busy and offer many forms of therapy which include pottery, weaving, sewing and crafts.

There were 388 prescriptions during the year. The number of treatments in the women's division was not as high as usual due to the shortage of staff, making it necessary to close that center for a period of three weeks during the summer. At that time patients who had been attending the department were provided with projects on the various wards. During this inactive period, it was possible to redecorate and paint the building. There were also repairs in the men's division and a new floor laid in the storeroom.

Over 135 student nurses have been given classes in Occupational Therapy which have included lectures and demonstrations.

In addition to teaching and treatment hours, a great deal of work for the hospital was done including printing, painting, repairing of furniture and several patients supplied the hospital with surgical sponges. Other types of sponges were rolled for the Massachusetts Geneal Hospital.

ELAINE S. PINKHAM, OTR
DANIEL A. JOY, OTR

The Physiotherapy and Hydrotherapy Departments

These departments have been active during the year, having treated 174 patients during their hospital stay.

In addition to these treatments, nearly 200 student nurses were given classes in all branches of physiotherapy and hydrotherapy.

These departments also have been of very valuable assistance with electroshock therapy.

DORIS C. HEUSEL, R.N.
THOMAS A. CRAPO, R.N.

The Recreational Therapy Departments

DURING the year 1952, 277 individual patients attended the gymnasiums and were treated individually or in groups depending on their need, interest and capacity.

Tournaments were held in bowling, golf, ping pong, tennis and croquet and prizes were awarded to the winners.

Field Day on the Fourth of July was a great success. It included games, track events and finals in croquet, golf and tennis tournaments.

There were weekly soft ball games in the Proctor Yard participated in by patients and employees.

The women's division was opened for the week-ends beginning the middle of September. Two part-time Sargent College Physical Education majors were in charge of activities during these two days each week and the patients enjoyed the recreation over this period. The men's division has continued to have sports facilities available during the entire week.

Instruction in competitive sports and recreational therapy was given to student nurses from the McLean and affiliating hospitals.

VIRGINIA M. NEAL, B.S.
ANGUS J. MCDONALD

MUSIC THERAPY

Individual instruction has been given to thirty patients during the year.

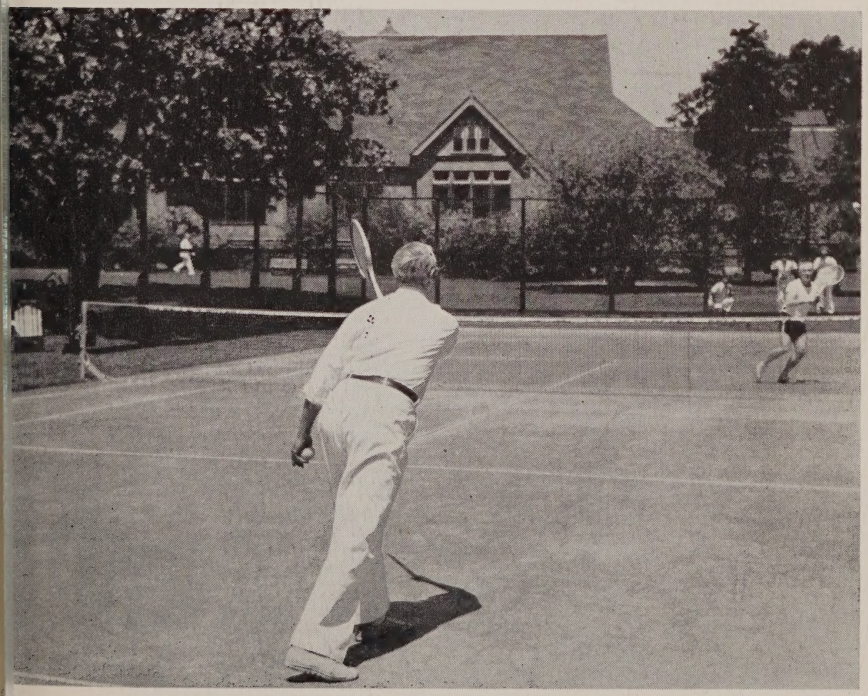
Group activities which consisted of Sings, Square Dancing and Class Meetings for music students were held.

Concerts were given for the patients by artists from the Metropolitan area and the Director of Music Therapy gave several organ recitals.

Choral and Organ music has been provided for the Protestant services throughout the year with special music at Christmas and during Lent. An organist was furnished for the Catholic Services and is given all possible assistance by the Music Director.

Organ and other music have been provided for the Baccalaureate Service, Graduation and Exercises of Investiture.

A Section of the Pottery Room, Women's Occupational Therapy



The Men's Gym Yard

A full-year course in Music Therapy at the New England Conservatory of Music was given by the McLean Music Director with daily lectures on Music Therapy during Music Week at Ocean Grove New Jersey Music Conference. Lectures were also given to hospital, church social and musical organizations.

HOMER WHITFORD, D. of Mus.

PHARMACY

The Pharmacy is one of the busiest departments in the hospital. There is a great amount of detail in attending to the need of the different wards in addition to the separate prescriptions for the various patients. This requires a large inventory of pharmaceuticals and supplies.

During the year, 19,980 individual prescriptions were filled. 1,661 prescriptions were filled for the employees at an average cost of 40¢ per clinic patient. The cost per patient day for ward materials was 23¢ and no charge is made to the patient for this service.

The Pharmacist is responsible for the checking of the ward medication units and during the year a new system for oxygen tank disbursal was set up.

McLean student nurses are assigned to the department to learn the procedures of the pharmacy in relation to nursing.

GEORGE R. ZAGER, Reg. Ph.

X-RAY DEPARTMENT

This department has had a very active year and gave 1,153 examinations to patients and employees. Among all other examinations, there were 194 Electrocardiograms given and 55 Basal Metabolism Rates.

The Technician has handled the technical work for the X-ray Department and has taken emergency x-rays whenever necessary in addition to his regular time on duty.

Dr. Joseph Hanelin a member of the X-Ray Department of the Massachusetts General Hospital visits McLean regularly making interpretations and doing the G. I. Series.

HERBERT A. DAVIDSON
Technician

THE COFFEE SHOPPE

This is the fourth year of operation for the hospital Coffee Shoppe and it continues to be more and more a part of the hospital life for patients, their visitors and for employees. The cheerfulness of its atmosphere is favorable to relaxation and enjoyment and is an influence on the hospital community.

GEORGE A. HENDERSON
Coffee Shop Manager

THE BEAUTY SALON

This department is another busy section of the hospital. It not only is an excellent morale builder for the care of patients, but this department has adequate accommodations to serve the employees. During the five years of operation, the Beauty Salon has shown a constant profit to the hospital.

JOHN J. MAYALL
Manager

HOUSEKEEPING DEPARTMENT

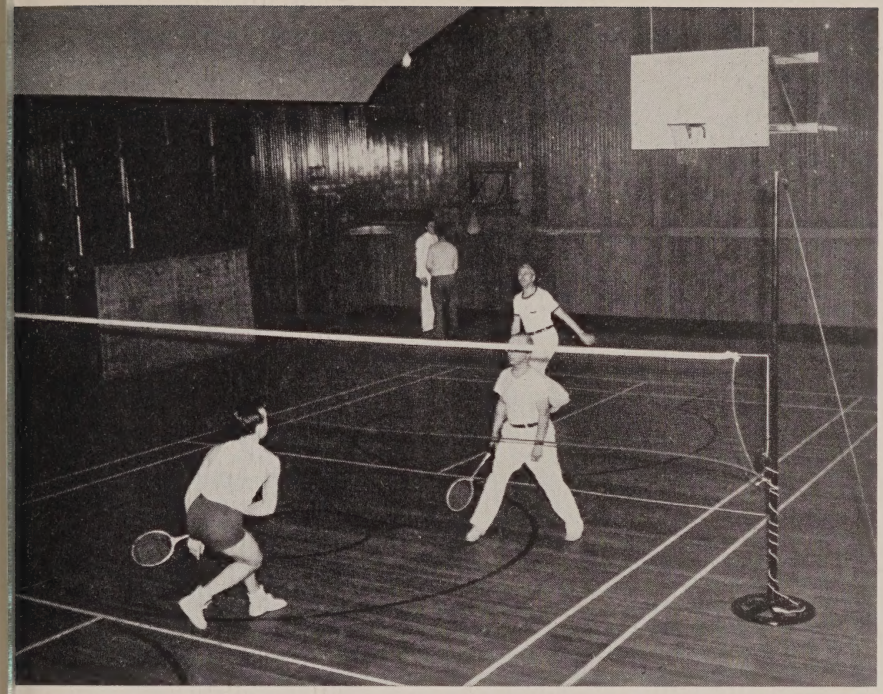
The Housekeeping Department in 1952 functioned adequately even though there were periods when there were shortages of personnel and illness among many of the workers. During the vacation period we were able to get extra help from institutions that were not in operation at this time of year.

Within the past few years, the use of dishwashing machines on four of the larger wards has saved time and energy. Preparations are now going on for the installation of two more of these machines.

The recent re-decoration of the library-lounge affords more comfort for the houskeeping employees during non-work intervals. Our employee quarters are also being renovated.

I would like to extend my thanks for all the advice and help rendered by other department heads and employees throughout the year.

Respectfully submitted,
MARY T. GIRARD
Housekeeper



Badminton, Men's Gymnasium

Women Nurses' Living Room, Higginson House

McLean Hospital School of Nursing

Advisory Committee

THE Advisory Committee has held meetings monthly, except for the summer months, a total of eight meetings. The Annual Meeting was held in January.

The Rules of Procedure for the Committee were reviewed but no revisions were made.

Mrs. Bancroft Beatley was elected chairman of the Committee for 1953.

A recommendation for a new member resulted in the following appointment to this Committee:

Rev. Frederick H. Arterton, Rector of All Saints Church, Belmont, to replace Mrs. Francis T. Hunter as a community representative.

The following material concerning the aims, administration, program and facilities of the school was presented:

1. Monthly reports of the school by the Director have been accepted and filed.
2. The recommendations from the Non-Collegiate Board of the National Nursing Accrediting Service were presented. Discussions and approvals were made concerning (1) the reorganization of the Diet Therapy Department to give the students adequate experience and instruction; (2) the increase of men representatives on the Advisory Committee—the number of men have been increased from three to four; (3) the yearly meetings of faculty members of this school with those faculty members of the schools participating in the affiliating programs—the meetings have been held; (4) the further study of selection and recruitment policies in view of the withdrawal rate—recruitment activities have increased and a study of withdrawals since 1947 is now in progress.

3. The new special separate program for five year college students from Simmons and Radcliffe Colleges was presented and discussed.
4. The new correlated Curriculum Program in Psychiatric Nursing for Basic Students was presented and discussed.
5. Affiliation contracts for three year general hospital students in Psychiatric Nursing were presented and discussed.
6. Arrangements concerning graduation were discussed and suggestions made.
7. Recruitment programs were presented and invitations given to members of the committee to attend. Some attendance was noted.
   (1) For the Women's Auxiliary to the Middlesex South District Medical Society a movie, "Girl's in White," various discussions on the hospital, mental illness and nursing, a tour of the hospital and a special tea was arranged.
   (2) For two groups of High School Counselors and Students tours of the hospital, discussions and question periods and refreshments were arranged. The McLean students helped in this project.
8. The Recruitment Booklet published by the Nursing Council of the United Community Services was circulated.
9. The newly formed Committee on Records was presented and discussed.
10. Scholarships and Loan Funds were discussed at length and approvals and suggestions made were:
    (1) That the sum of $200.00 be awarded to a student annually at Belmont High School.
    (2) That a discretionary fund be set up for needy students — this motion to be brought to the attention of the Board of Trustees and the Nurses Alumni Association.
    (3) That opportunities be given to first year and third year students to help them earn their own way.
    (4) That second year students be considered for funds while on affiliation because they have no opportunity to earn.

11. New school bulletins for 1953-54 were circulated and changes noted:
    (1) Approval by Public Law No. 550—Korean Bill for Veterans.
    (2) Expenses raised from $150.00 to $200.00.
    (3) Charge for School Transcript raised from $1.00 to $2.00.
    (4) Added to the Curriculum: Obstetrical Nursing and one day's observation for men at the Boston Lying-In Hospital, and three months Pediatric Course and experience for men which is the same as for the women.
    (5) Scholarship and Loans—changes to be made as indicated by the Director of the School.
12. Student problems in various areas were discussed and suggestions made.
13. New appointments to the Faculty were reviewed.
14. New and revised contracts, in the form of Personnel Policies and Practices for positions in nursing at this hospital were distributed as follows:
    (1) Second Assistant Director of the School of Nursing and Instructor in Nursing.
    (2) Assistant Director of Nursing Service.
    (3) Supervisor and Clinical Instructor (2).
    (4) Night Supervisor (Men) and Instructor in Social Sciences.
    (5) Staff Nurse and Assistant (Health and Operating Room).
    (6) Diet Kitchen helper.

In order to keep itself informed concerning the needs in medicine and nursing in general and in this hospital in particular, the Committee has appreciated:

1. A tour through various parts of this hospital concentrating upon Treatments and activities of patients in general and their relationship to doctors and nurses during their hospital stay followed by a question and answer period.
2. A Nursing Care symposium presented on a particular patient by the Assistant Director of the School of Nursing, four women students and two men students, after which a question and answer period followed.

3. The contribution made by Dr. Wood concerning the administration of this hospital.
4. The description by Dr. Howard of increased ward activities for patients which will help them to intermingle and adjust better socially. It was pointed out that in this way patients would benefit and students also would benefit by the increased contact.
5. An invitation to attend a special meeting of the Russell Sage Foundation group meeting held here in November. This group is working toward increased ward activities for patients in several hospitals. The Chairman of the Advisory Committee attended and relayed information to other members.
6. Information concerning the newly formed McLean Hospital Safety Committee.
7. The discussions of nursing organizations, their meetings and contributions.
8. The loaning of literature on professional, psychiatric and general nursing.

Respectfully submitted,
MARGARET C. TIBBETTS, R.N.
Secretary

Advisory Committee
Mrs. Bancroft Beatley, *Chairman*
Mrs. Robert Homans
Mr. William S. Nagle
Miss Stella Goostray
Mr. Francis T. Hunter
Mrs. James M. Baty
Mrs. Mildred Makin
Mr. Edmund Mattos
Rev. Frederick H. Arterton
W. Franklin Wood, M.D., *Ex-officio*
Paul M. Howard, M.D., *Ex-officio*

The Nursing Department

THE aim of the Nursing Service includes the administration of nursing care in such a manner that it will reflect a progressive approach toward better care of patients by means of adequate attitudes and the efficient functioning of those activities which are associated with such care. It is hoped that the recording of direct and indirect measures used by the Nursing Service during 1952 will reflect an approach toward better care of patients.

In terms of quantity, the full-time staff nurse group has decreased from 49 to 43, and the part-time group has increased from 36 to 46. During the year 72 staff nurses were employed and 29 resigned, a turnover of 40%. The full-time attendant group increased from 54 to 60 and the part-time group from 28 to 41. On the fourteen wards there are now 9 head nurses and 5 assistant head nurses who have been in their positions one year or more, which indicates a stabilization of experienced staff capable of giving more adequate direction and supervision to the personnel in their care of patients.

Careful selection of nurse personnel has been stressed in relation to registration, education and experience. Nurses employed for staff duty have usually had a three months' psychiatric affiliation. Those whose background indicated a lack of this preparation were given an opportunity to take courses given to affiliate students in psychiatry and psychiatric nursing, along with a rotation of services. New members in administrative and supervisory positions have been recorded in the School of Nursing Report.

In June, a project was launched by recommendation from the head nurse group to increase ward activities for patients during periods when organized programs in the various therapy departments were not in progress. Additional ward equipment used to initiate social activities between patients was procured and the entire ward nursing personnel have increased games and occupational therapy during evenings and weekends. A record has been kept which enables the doctors and supervisors to

review socializing activities on individual patients. Mr. Robert Belyea, Assistant Occupational Therapist was appointed as a Coordinating Supervisor. He has attended several head nurse meetings concerning this project and has added equipment as needed. Some equipment, such as the new collapsible ping-pong table, has been transferred in order to place it where it would be used by patients to the best advantage. Results from this program have been particularly gratifying on the acute services.

Two Assistant Directors of Nursing Service have attended meetings arranged with other psychiatric institutions working on a project for attendants. This project is sponsored by the Russell Sage Foundation and is being administered from the Boston Psychopathic Hospital. In this connection, two attendant observers worked during the summer as attendants. Their reports have helped to place strengths and weaknesses in connection with "the role of the attendant" in psychiatric nursing care for patients.

Functions of attendants have been completely revised and will be used beginning in 1953. These are to be incorporated into the Personnel Policies and Practices of attendants which are in the process of revision.

Personnel Policies and Practices for the following positions have been revised: 1) Assistant Director of Nursing Service; 2) Supervisor and Clinical Instructor; 3) Night Supervisor (Men) and Instructor in Social Sciences; 4) Staff Nurse and Assistant (Health and Operating Room); and 5) Diet Kitchen Helper.

A monthly in-service staff education program has been available. These were offered in the form of lectures, demonstrations and films. The content included newer aspects and research in psychiatry and various cultural subjects.

Special arrangements have been made for the nursing staff members and attendants, who work full-time and part-time, to continue their education in nearby colleges. Thirty nurses and 54 attendants have realized this opportunity.

The Nursing Service has had representatives on the newly formed McLean Hospital Safety Committee. This has given them a chance to help in decisions which have increased the preventive aspects in relation to the safety of patients and

Rear View Women Nurses' Home

Investiture Services

employees. It has also made better relationships between the hospital departments, not only in action but also in regard to morale.

The constant work of the Committee on Nursing Practice has resulted in the following: 1) Procedures revised for cleaning and sanitizing of bedpans, physical examination, and female catheterization; 2) a survey on equipment for bedpan sterilization; 3) revision of duties for the Night Nurse; 4) investigation of Medicine Closet keys; 5) revision of day and night reports; and 6) precedent for intramuscular injections.

The newly formed Committee on Records has begun to review all current records. Changes have been made and approved on: 1) Pre-shock preparation slip; 2) Insulin Sheet; 3) Weekly Time Schedule; 4) Assignment Sheet; and 5) Accident Report.

The organizational structure has been such that recommendations toward better nursing care have been realized. These have been daily conferences between doctors and supervisors, and weekly conferences between chiefs of services and department heads, including the Nursing Service. These conferences have helped to meet the problems arising in connection with patients. There have been monthly meetings of the Administrative Nursing Service, and the monthly head nurses' conferences have been profitable. Out of these meetings some of the more important accomplishments have been: 1) a better interpretation and use of background and current material concerning patients; 2) a more progressive system of information from doctors to nurses which is needed for the immediate care of patients; 3) a continued study made in the reduction of breakage which has resulted in reduced cost, the purchase of equipment to remove barrel when syringes are stuck and a change in the type of syringes used in giving insulin; 4) a nursing care contribution to the medical staff diagnostic conferences; and 5) a clarification of needs in regard to research in the form of educational material, in regard to administration of special preparations.

The School of Nursing

In the application of the essentials of a good school of nursing, certain areas of criteria must be analyzed and put into practice in order to approach the philosophy and objectives set

up for that purpose. Using these areas as a background, this report should show the progress made in this school for the year 1952.

Control

Our School of Nursing Committee, acting as a liaison between the trustees of the hospital and the school, has held eight meetings in which they have discussed and given valuable advice concerning the various needs of the school. They have also kept themselves informed concerning the profession in general and in this hospital in particular. One new member appointed was the Reverend Frederick H. Arterton, Rector of All Saints Church, Belmont, Massachusetts, to replace Mrs. Francis T. Hunter as a community representative.

Contracts between this school and the schools of hospitals with whom we affiliate have been revised. For 1952, contracts were completed and signed between this school and the schools of nursing at the Massachusetts General Hospital, The Children's Medical Center and the Mount Auburn Hospital for the three months' psychiatric affiliation. The revised contract for Pediatric Nursing for our basic students was signed with The Children's Medical Center as was one for Obstetrical Nursing with the Boston Lying-in Hospital. The agreement with the Massachusetts General Hospital for General Hospital Nursing has not been completed since 1952 was the first year in which the men students in the basic program were to be included in the pediatric nursing curriculum, and final decisions were not yet put into effect.

Finance

The experimental cost accounting has been continued. This has consumed considerable time including the able service of other departments of the hospital. Figure for the cost of the Dietary Laboratory for Students has been included for the first time. Comparisons of budget and actual cost has given better data for each area and has made the faculty more cost conscious, thus the various departments are considering needs more intelligently. A continued study to evaluate student nursing service has been enlightening.

Faculty

A tribute to one of our deceased faculty members seems appropriate at this time. Mr. Leon F. Felker, who was Supervisor of Nurses an the Men's Service, passed away in December of this past year. He had been a loyal, staunch supporter of the school and hospital for many years. His service as Night Supervisor from 1918 to 1951 and as Day Supervisor from 1951 to 1952 has stimulated many of us toward better care for our patients in our continued service to others. His interest in the profession and especially in the McLean nurses prompted him to finance the organization of the McLean Hospital Nurses Alumnni Association of which he was a life member. His presence will indeed be missed in the years to come.

Because good nursing education is dependent on good nursing service, the functions of each group have been carefully screened. Out of this project, a reorganization of functions in the nursing service group, caring for men patients has been revised. The administrative and teaching responsibilities of this group have been studied and clarified with the individuals involved so that these functions can be carried out with considerable satisfaction to patients and personnel alike. Further study is planned for the nursing service group on the Women's Service in 1953.

The qualifications of new faculty members have been carefully discussed and reviewed in relation to personality, professional experience, state registration and educational background. The following appointments have been made: 1) John B. Rideout, who has been appointed as Supervisor and Clinical Instructor, is a graduate of this school, has had three years of experience in psychiatric nursing and holds a B.S. degree in Nursing from Boston University; 2) Mrs. Katherine Parry, who has been appointed Assistant Instructor in Science, is a graduate of the Massachusetts General Hospital School of Nursing, holds a B.A. degree from Houghton College, Houghton, New York, and has had one year of staff nursing at this hospital; 3) Head Nurses of the Assistant Faculty Group, whose records have been carefully evaluated and appointments made, were: Mr. Earle Spencer, Mrs. Helen Delahanty, Mr. Williams Peters and Miss Lucille Cote.

The faculty organization has functioned in such a manner that all members have participated in the work of the school. The faculty and assistant faculty groups have met monthly and have considered educational programs and nursing service recommendations made by active standing committees which include students in their membership. A series of educational conferences for head nurses which were directed toward better psychiatric nursing care, were conducted by the Assistant Director of the School for the first time and were appreciated by the participants. A total faculty meeting was held when all faculty, assistant faculty and associate members were able to coordinate the work of the organization through annual reports of all groups. This annual meeting included, as invited guests, representatives from other hospital departments. It was hoped that this procedure would help promote better relationships between departments, because all would know what the nurses at the hospital were trying to accomplish. Several guests said that the meeting was extremely informative and that they were glad to have been invited.

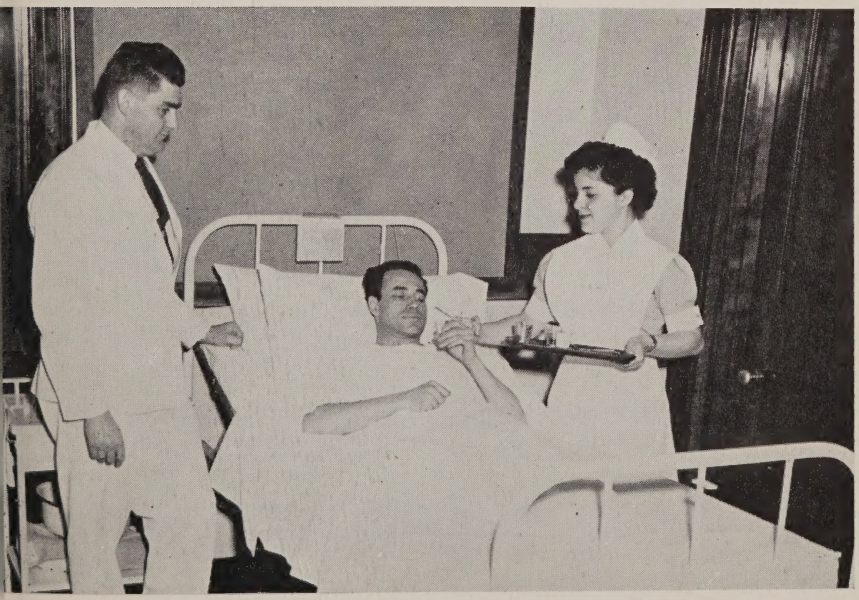
The exchange of ideas between professional groups outside the hospital has continued. Those faculty members who have participated either in the professional nursing organizations or in groups, such as civilian defense, state hospital psychiatric organization, state recruitment groups, Red Cross First Aid or special study groups in a particular areas, are Mrs. Makin, Mr. Durham, Miss Connor, Mrs. Spencer, Miss Newton, Mr. Lennox, Miss Dumont, Mr. Pitcherale and the Director of the School.

Attendance at professional meetings has been high. Three representatives from this school were delegates of the Massachusetts State Nurses Association for the reorganization of national professional nursing organizations held in Atlantic City at the Biennial Convention of the American Nurses Association and the National League of Nursing Education (now the National League for Nursing).

Student Personnel

The effort to obtain qualified students has been increased. Representatives of the Publicity Committee have visited eight high schools to show films, "Girls in White" and "House of

Nurses' Library, Higginson House



Nursing Arts

Mercy," which have been preceded by an organized presentation of ways in selection of schools in general as well as specific information concerning this school. The films also have been sent by mail to nine schools accompanied by an outline for selecting schools along with material about this school. Some progress has been made toward making a film at this hospital showing typical student activities. A number of film strips have been taken.

Open House was held four times, one for the Women's Auxiliary of the Middlesex South District Medical Society and three times for Guidance Counselors and high school students from outlying cities and towns. A new publicity folder was planned and printed. One thousand copies were mailed out to high school, libraries and guidance centers.

An exhibit of student progress was shown on Alumni Day. Many of our applicants are directed to this school through the Alumni members and is much appreciated.

The School Bulletin for 1953 and 1954 was completed.

Despite the efforts in the recruitment program only 67 applications were reviewed in 1952, an increase by 6 students in 1951. The total number accepted in 1952 was 15 as compared to 14 in 1951.

The selection and admissions technique, the counseling and orientation programs, and the health program has remained the same. The promotion and graduation plans again have included a public Investiture Service to accept preclinical students into the school. In March, this service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. The women were presented caps and the men four-in-hand ties. The school greatly appreciated the contribution of the Speaker, Mrs. Evangeline Morris, Director of the School of Nursing at Simmons College, who gave an appropriate talk to the students as a part of the service.

The Student Association has been active. In 1952, Mr. Arthur Kubiak was elected President. He has faithfully carried out his responsibility including attendance of all activities with the Massachusetts State Council of Nurses, as a representative of the Association. Last May, the Association chose Mr. Kubiak and Miss Beverly Miler as representatives to attend the Biennial

Convention of the American Nurses Association and the National League for Nursing Education (now called the National League for Nursing). As student members of the Massachusetts State Nurses Association, they participated in the organization of a national group of students as a section of the American Nurses Association. The expenses were paid partially by the Student Association and by some contribution from the hospital. The increased professional enthusiasm by students has been an outgrowth of their participation in the graduate organization.

The Student Association has grown since its beginning two years ago and the planning of all social events has been precipitated by them.

Scholarships and Loans

The study of financial need for students has been continued. The Committee on Scholarships and Loans increased the small cash scholarships awarded at Graduation Exercises from the Annabella McCrae Scholarship Fund for student progress. The McLean Hospital Nurses' Alumni Association again awarded a single scholarship for the purpose of advanced education, and the Paramount Uniform Company gave a scholarship for student progress in the first year. Four students were selected from first, second and third year levels as recipients.

The Lucia E. Woodward Fund, which is administered under the McLean Hospital Nurses' Alumni Association, has also been used during the year for financial need. Two students made application to the Fund and received outright gifts to cover their needs.

A Loan Fund supported by the hospital has been in constant use. Twenty loans have been made not only to students but to graduates, upon recommedation. No interest has been charged.

Curriculum and Clinical Experience

The following changes have been executed: 1) A Master Integrated Curriculum plan of the Psychiatric Nursing Curriculum for basic students, which shifts the beginning courses and clinical experience in psychiatric nursing and related therapies from the third year to the freshman level. This leaves the third year free for advanced psychiatric nursing and administrative experience. 2) A one-day observation in Public Health Nurs-

ing at Everett Visiting Nurses Association in Everett, Massachusetts, for all students—men and women. 3) A Master Integrated Curriculum Plan for the three month's Psychiatric Nursing Course for students affiliating from three year schools of nursing. 4) A Master Integrated Curriculum Plan on a seminar basis for the three months' Psychiatric Nursing Course for 5 year students affiliating from Simmons College and Radcliffe College students in the Radcliffe-Massachusetts General Hospital Five Year Plan.

Accreditation

The continued approval of this school by the National Nursing Accrediting Service has been received for 1953. Comments from the letter of approval read as follows:

"The Non-Collegiate Board of Review notes with pleasure the many indications of progress being made in your program and wish to commend members of administrative and instructional personnel on their efforts. It is hoped that comparable results may be attained in the coming year."

During 1953, the following points were considered and improvements submitted to the above authority: 1) the reorganization of the administrative and educational aspects which involved the Dietary Service where students receive six weeks assignments; 2) the increase of men members of the Advisory Committee from three to four as it was felt that more men members were needed since there as many men students in the school as women; 3) the increasing of recruitment activities as described elsewhere in this report; 4) a study of withdrawals since 1947 to use as criteria in reduction of same.

Final Statement

The progress of this school, as outlined, is the result of concerted effort on the part of the participants and it is with deep appreciation we include the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service and the nursing education personnel.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

McLean Hospital

Report of the School of Nursing

CENSUS OF THE SCHOOL, DECEMBER 31, 1952

	Women	Men	Total
Graduate Nurses:			
Full-time	60	21	81
Part-time	37	9	46
Total	97	30	127
School of Nursing:			
Accepted Students	13	21	34
Preclinical Students	6	9	15
Affiliating Students	54	0	54
Total	73	30	103
Total Graduates and Students	170	60	230
Students on Affiliation:			
Massachusetts General Hospital	5	15	20
Children's Medical Center	4	0	4
Boston Lying-in Hospital	2	0	2
Total	11	15	26
Students Affiliating from other Schools:			
Massachusetts General Hospital	28	0	28
Simmons College School of Nursing	9	0	9
Children's Medical Center	12	0	12
Mount Auburn Hospital	3	0	3
Graduates	2	0	2
Total	54	0	54
During 1952:			
Graduated	3	9	12
Preclinical Students Admitted	6	9	15
Preclinical Students Dropped or Resigned	0	3	3
Accepted Students Dropped or Resigned	1	0	1
Students from Affiliating Schools who have completed Course:			
Massachusetts General Hospital	120	0	120
Radcliffe College	4	0	4
Simmons College School of Nursing	23	0	23
Children's Medical Center	44	0	44
Mount Auburn Hospital	12	0	12
Graduates	5	0	5
Total	208	0	208
Student Veterans Enrolled:			
Public Law 346	0	20	20
Public Law 550	0	1	1

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of March 1953

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
an.: anesthetist
assoc.: associate
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
supt.: superintendent
u.: urologist

Italics indicate to what service of the hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department
Oph.: Ophthalmology
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital

Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOT, E. S., cons. psychiat. (*McL.*) Pencomb Farm, Wayland

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.

Abbott, L. C., *Or.* 1916 Univ. Hosp. Med. Center, San Francisco, Calif.

ABRAMSON, D., a. obst. 127 Bay State Rd.

Acheson, G. H., *W.M.* 1939 Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio

Ackerman, I. P., *M.* 1951; a.r.p. 1952 Mount Sinai Hosp., New York, N. Y.

ADAMS, F. D., p. (*W.M.* 1918) 226 Marlborough

Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.

ADAMS, J., Jr., a.d. 704 Huntington Ave.

Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 203 Commonwealth Ave.

Adams, Raymond A., r.p. *N.* 1951 Univ. of Virginia Med. Sch., Richmond, Va.

ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.

Adams, W. B., *E.M.* 1918 280 Longmeadow, Longmeadow

ADAMS-KOPPEL, ELIZABETH, a.r.p. *An.* M. G. H.

Adamson, G. L., r.p. *N.* 1930 Winnipeg Clinic, Winnipeg, Manitoba, Canada

ADLER, M. H., clin. assoc. *Psychiat.* 130 Washington, Newton

Ahnlund, N. W., r.s. *Or.* 1943 Santa Clara County Hosp., San Jose, Calif.

Albright, E. C., *W.M.* 1942 3901 Euclid Ave., Madison, Wis.

ALBRIGHT, F., p. (*W.M.* 1926) M. G. H.

Albuquerque, P. F., r.s. *U.* 1944 Rua Gomes Carneiro No. 28, Rio de Janeiro, Brasil

Aldwin, F. J., *C.M.* 1933 185 Crown, Meriden, Conn.

Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923 500 Stephenson Ave., Iron Mountain, Mich.

ALLEN, A. W., *Trustee; Bd. of Cons.* (*W.S.* 1915) 266 Beacon

ALLEN, H. F., a. *Oph.* (*W.S.* 1943) 200 Beacon

Allison, C. R., *W.M.* 1938; a.r.p. 1940 176 S. Goodman, Rochester, N. Y.

ALLMAN, C. H., assoc. s. *Otolar.* 520 Commonwealth Ave.

Alper, J. M., *E.M.* 1935 425 West End Ave., New York, N.Y.

ALPERT, R., a. *Oph.* 41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945 274 Parnassus Ave., San Francisco, Calif.

Alt, R. E., *W.S.* 1933 1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916 27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*) 74 The Fenway

Andersen, E. W., a.r.p. *An.* 1948 Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943 815 Greenleaf Ave., Glencoe, Ill.

Anderson, R. L., *Or.* 1927 1208 Kanawha Blvd., Charleston, W. Va.

ANGLEY, J. C., a. *M.* School, Bryantville

Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934 20 Linden, Brattleboro, Vt.

Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932 20 Linden, Brattleboro, Vt.

Arrowood, Julia G., r.p. *An.* 1936 Boston Univ. Med. Sch.

Arthur, R. J., *C.M.* 1952
Children's Med. Center
Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium, Middleboro
Atherton, L. D., r.s. *U.* 1952
321 W. Broadway, Louisville, Ky.
ATKINS, L., a.r.p. *Path.* M. G. H.
Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.
Atwood, W. G., *W.S.* 1921
151 Rock, Fall River
Aub, Elizabeth F., *M.* 1952
Children's Med. Center
AUB, J. C., p. (*E.M.* 1915); h.p. *E.M.* 1917 M. G. H.
AUFRANC, O. E., a.s.*Or.* (*Or.* 1938); r.s. *Or.* 1939 266 Beacon
Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington, S.W.7, London, England
AUSTIN, R. C., a.r.s. (*S.* 1951) M. G. H.
Averill, J. H., *M.* 1947 M. G. H.
AYER, J. B., *Bd. of Cons.;* cons.n. (*McL.*) 319 Longwood Ave.
Ayers, W.B., *W.S.* 1943
75 Central Park West, New York, N. Y.
Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd., Los Angeles, Calif.
Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield
Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline
Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio
Badger, G. S. C., *W.M.* 1898
435 Marlborough
BADGER, T. L., clin. assoc. *M.* (*E.M.* 1928) 264 Beacon
Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke
BAGGETT, B., a. *Biochem. Res. M.* M. G. H.
Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.
BAKAY, L., a. *N.S.;* sr.r.s. *N.S.* 1951 M. G. H.
Baker, D. V., Jr., *E.S.* 1943 40 Broad
BAKER, M. P., p. (*E.M.* 1930) 262 Beacon
Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.
Baker, W. J., *W.S.* 1943
1071 Brush Hill Rd., Milton
BALBONI, G. M., hon. p. 20 Prince
BALBONI, V. G., a.p. (*W.M.* 1942) 101 Bay State Rd.
BALCH, F. G., hon. s. (*W.S.* 1893) 109 Moss Hill Rd., Jamaica Plain
BALCH, F. G., Jr., clin. assoc. *S.* (*E.S.* 1925)
1180 Beacon, Brookline
Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.
BALLANTINE, H. T., Jr., a.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 319 Longwood Ave.
Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
BANKER, BETTY Q., a.r.p. *N.P.* M. G. H.
Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.
Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg., Charleston, W. Va.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline
Barnes, B. A., *W.S.* 1945; a.r.s. 1952
Memorial Hosp., New York, N. Y.
Barnett, C. G., *M.* M. G. H.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp., Rochester, N. Y.
BARNEY, J. D., hon. s. (*E.S.* 1905) 412 Beacon
BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline
BARR, J. S., c. *Or.* (*Or.* 1929) 234 Marlborough
Barretto, O. de F., *An.* 1944
Rua Gabriel Dos Santos 420, Sáo Paulo, Brasil
Barrow, D. W., *E.S.* 1937
348 Central Bank Bldg., Lexington, Ky.
BARROWS, L. J., r.p. *N.P.;* r.p. *N.* 1952 M. G. H.
BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 330 Dartmouth
BARRY, RT. REV. R. P., *Trustee* 71 Warner, W. Somerville
Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.
BARTLETT, M. K., v.s. (*W.S.* 1931) 264 Beacon

Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.
Bartol, E. F. W., *E.S.* 1901 Lancaster
Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.
Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.
Batt, R. C., r.p. *R.* 1940
210 Glen, Glens Falls, N. Y.
Bauer, F. L., *Path.* 1941
Army Med. Serv. Grad. Sch.,
Army Med. Center, Washington, D. C.
BAUER, W., c. *M.;* r.p. *W.M.* 1927 M. G. H.
Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd., Astoria, Long Island, N. Y.
Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.
Beard, A. H., *W.M.* 1916
4420 S. Fremont Ave., Minneapolis, Minn.
Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.
BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.
Beeman, C. B., *Path.* 1934
16 Monroe Ave., N. E., Grand Rapids, Mich.
BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.
Behringer, G. E., *W.S.* 1946; a.r.s. 1952 266 Beacon
Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton
Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.
Bell, John W., *E.S.* 1946
1214 E. 64th, Seattle, Wash.
BENDA, C. E., a. *Psychiat.*
21 Bay State Rd.
Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.
BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.
BENEDICT, PATRICIA H., a. *M.*
264 Beacon
Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.
Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.
Bennett, Doris R., *C.M.* 1951; a.r.p. *C.M.* 1952
33 Southgate Pk., W. Newton
Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.
Bennett, W., *M.* 1948; a.r.p. 1949
New Eng. Center Hosp.
BERENBERG, W., cons. *C.M.*
Children's Med. Center
Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.
BERG, R. L., a. to gen. dir. *Res. and Ed.;* a.p. (*M.* 1944); c.r.p. 1950 M. G. H.
Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.
Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.
BERLOW, S., c.r.p. *C.M.* (*C.M.* 1951) M. G. H.
BERNSTEIN, N. R., a.r.p. *Psychiat.* M. G. H.
BEUSCHER, RUTH B., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley
BEUSCHER, W. F., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley
Bickley, D. W., *W.M.* 1936
318 W. Fourth, Waterloo, Iowa
Biddle, S., r.p. *N.* 1928
255 S. 17th, Philadelphia, Pa.
Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
3 Champney Pl.
Bienvenu, L. J., a.r.p. *D.* 1951
795 Elm, Manchester, N. H.
Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Vet. Hosp., W. Roxbury
Billig, H. E., Jr., *Or.* 1935
401 Ross, Glendale, Calif.
Binger, C. A. L., *E.M.* 1915
125 E. 73rd, New York, N. Y.
BINION, J. T., a.r.p. (*M.* 1953) M. G. H.
Binney, H., *S.S.* 1902
65 Green, Milton
Bird, K. T., *M.* 1944
53A North Dr., Plandome, Long Island, N. Y.
Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.
Bishop, R. C., *M.* 1945; a.r.p. 1949
2672 Maplewood Ave., E. Ann Arbor, Mich.
Bixby, H. I., *W.S.* 1924
21 Park, Attleboro
Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.
BLAND, E. F., p. (*E.M.* 1929) M. G. H.
BLANK, I. H., res. assoc. *D.* M.G.H.

Bliss, H. A., *M.* 1945; a.r.p. 1947
Presbyterian Hosp.,
New York, N. Y.

Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio

BLODGETT, F. M., a.p. *C.M.* (*C.M.* 1946); c.r.p. *C.M.* 1950 M. G. H.

Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.

BLOM, G. E., a. *Psychiat.* M. G. H.

BLOOM, D. D., clin. assoc. *Dn.*
20 Gloucester

Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp.,
Framingham

Bloomer, E., *E.S.* 1917
22340 Michigan Ave.,
Dearborn, Mich.

BLUNDEN-MORRIS, DULCIE E., a.r.p. *An.* M. G. H.

BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924
15 Holyoke, Cambridge

Boger, W. P., Jr., a.r.p. 1942
7237 Bradford Rd.,
Upper Darby, Pa.

BOGOCH, S., a.r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

Boller, C., *E.M.* 1929
276 Dorchester Rd.,
Rochester, N. Y.

BONNER, FRANCES J., a. *Psychiat.*
205 Beacon

Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina,
Charleston, S. C.

Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.

Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave.,
New Britain, Conn.

Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.

Boutwell, H. K., *E.M.* 1905
15 Green, Brookline

Bowden, L., Jr., *E.S.* 1941; a.r.s. 1942
444 E. 68th, New York, N. Y.

Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline

BOWER, W. H., psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Waverley

Boyd, H., *C.M.* 1922
937 Main, Manchester, Conn.

Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill,
Portland, Oreg.

Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.

Boylston, B. F., sr.r.s. *Or.* 1950
Box 494, Aiken, S. C.

BRACE, L. D., *Trustee* 67 Milk

BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline

BRAILEY, A. G., a.p. (*E.M.* 1930)
1180 Beacon, Brookline

BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.

BRANNON, L. C., a.r.s. *N.S.* M. G. H.

BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale

Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center

BRAZELTON, T. B., a.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle,
Cambridge

BRAZIER, MARY A. B., neurophysiol. *An.* and *N.* M. G. H.

BREED, F. B., a. *Oph.*
3 Winter, Salem

BRENDLER, S., sr.r.s. *N.S.* M.G.H.

Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave.,
Charlotte, N. C.

Breslin, J. E., *C.M.* 1938
74 North, Pittsfield

BREWSTER, H. H., a. psychiat. (*W.M.* 1940) M. G. H.

Brewster, W. R., Jr., a.r.p. *An.* 1950 M. G. H.

BRICKLEY, W. J., cons. *Forensic Path.* 524 Commonwealth Ave.

Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp.,
Baltimore, Md.

BRIGGS, B. D., a.an. M. G. H.

Brigham, F. G., *E.M.* 1910
1101 Beacon, Brookline

Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.

Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.

BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 101 Bay State Rd.

BRODERICK, T. F., Jr., a. *Or.*; sr.r.s. *Or.* 1947
1265 Beacon, Brookline

Brooks, P. T., *E.S.* 1943; a.r.s. 1949
55 Tietan,
Walla Walla, Wash.

Broome, R. A., Jr., *M.* 1944
307 S. Orange Ave.,
Orlando, Fla.

Brown, C. S., a.r.p. *D.* 1952
1677 31st, N. W.,
Washington, D. C.

Brown, F. B., *Or.* 1937
612 Drayton, Savannah, Ga.

Brown, Lloyd, *N.S.* 1938
341 Highland, Milton
Brown, Lloyd T., *S.S.* 1908
372 Marlborough
BROWN, MADELAINE R., assoc.n.
264 Beacon
Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.
Brown, Robert H., *E.S.* 1944; j.r.s. 1945
28 High, Sharon
Brown, Robert K., *W.S.* 1939; r.s. 1942
1624 Gilpin, Denver, Colo.
BROWN, T., a.s. *Or.;* r.s. *Or.* 1949
234 Marlborough
BROWNELL, G. L., assoc. physicist *M.*
M. G. H.
Brues, A. M., *E.M.* 1932
Univ. of Chicago, Chicago, Ill.
Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.
BUCHER, NANCY L. R., assoc. biol. *M.*
M. G. H.
Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.
Bullard, C. W., *W.S.* 1918
194 High, Newburyport
BUNKER, J. P., a. an. (*E.S.* 1946); a.r.p. *An.* 1950
M. G. H.
BURBANK, C.B., a. *S.* (*W.S.* 1939); r.s. 1942
264 Beacon
BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
1093 Beacon, Brookline
BURKE, J. F., a.r.s. (*S.* 1952)
M. G. H.
BURLAND, G. R., a.r.s.
M. G. H.
Burnett, C. H., c.r.p. 1946
Sch. of Med., Univ. of North Carolina, Chapel Hill, N. C.
Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.
Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy, Portland, Oreg.
BURRAGE, WALTER S., assoc.p. (*E. M.* 1927)
330 Dartmouth
Burrage, William C., *E.M.* 1941; a.r.p. 1946
57 Deering, Portland, Maine
Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949
507 Main, Worcester
Burt, Agnes S., *Path.* 1950; a.r.p. *Path.* 1951
M. G. H.
Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921
416 Marlborough
Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.
BUTLER, A. M., c. *C.M.*
M. G. H.
Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.
Byers, R. K., *E.M.* 1923
Children's Med. Center
BYRNES, R. L., a.r.p. *Path.*
M. G. H.
Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave., Atlanta, Ga.
CALKINS, E., a. *M.;* c.r.p. 1952
M. G. H.
CAMPBELL, C. R., a.r.p. *Path.*
M. G. H.
Campbell, J. L., r.p. *An.* 1940
806 Republic Bldg., Denver, Colo.
CANADA, WILMA J., a.r.p. *R.;* a.r.p. *Path.* 1951
M. G. H.
CANER, G. C., n. (*W.M.* 1924)
63 Marlborough
CANNON, B., assoc. v.s.
330 Dartmouth
Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946
365 W. Doran, Glendale, Calif.
Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941
220 S. Virginia, Reno, Nev.
Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938
130 N. Virginia, Reno, Nev.
Capland, L., r.p. *D.* 1940
541 Lincoln Rd., Miami Beach, Fla.
Capps, J. A., *E.M.* 1896
1215 E. 56th, Chicago, Ill.
Capps, R. B., *C.M.* 1931 and *E.M.* 1933
122 S. Michigan Ave., Chicago, Ill.
Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949
Cincinnati Gen. Hosp., Cincinnati, Ohio
Carey, J. M., *W.S.* 1946
76 Miami Ave., Newington, Conn.
Carmody, J. T. B., a.r.s. *N.S.* 1936
340 Main, Worcester
CARNES, H. A., a. oral s.
29 Bay State Rd.
CARNEY, H. J., a. oral s.
395 Commonwealth Ave.
Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944
420 E. 59th, New York, N. Y.
CARROLL, W. J. E., assoc. s. *Otolar.*
5 Chestnut, Arlington
Carson, P. C., r.s. *Or.* 1940
38 School, Springfield
Carter, E. L., *S.*
M. G. H.
CARTER, F., a. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1948
51 Brattle, Cambridge
Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948
26 Farrar, Cambridge

Carter, R. R., r.p. *N.* 1942
553 Med. Arts Bldg., Portland, Oreg.
Cascario, N., Jr., *Dn.* 1944
36 N. First, Bangor, Pa.
Case, C. T., *W.S.* 1943
270 Genesee, Utica, N. Y.
CASS, J. W., Jr., a.p. (*W.M.* 1931)
1101 Beacon, Brookline
CASTEN, V. G., s. *Oph.* (*N.* 1929)
412 Beacon
Castle, W. B., *E.M.* 1923
Boston City Hosp.
CASTLEMAN, B., acting c. *Path.* (*Path.* 1932); r.p. *Path.* 1935
M. G. H.
Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa
Caufman, Grace, *An.* 1939
2300 Auburn Ave., Cincinnati, Ohio
CAVANAUGH, T., a.s. *Oph.*
395 Commonwealth Ave.
CAVE, E. F., v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon
Cecil, L. McF., *M.* 1950
University Hosp., Ann Arbor, Mich.
CERRATO, C. M., a.s. *Otolar.*
15 Bay State Rd.
Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921
1136 W. 6th, Los Angeles, Calif.
Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 39 E. 75th, New York, N. Y.
Chamberlin, D. T., *Path.* 1931 and *N.S.* 1931 1180 Beacon, Brookline
CHAMBERLIN, DOROTHY B., a. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
Chamberlin, H. R., *C.M.* 1949
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
CHANDLER, P. A., s. *Oph.*
5 Bay State Rd.
Chapin, L. D., *E.M.* 1908
20 Maple, Springfield
Chaplin, H., Jr., *M.* 1948; r.p. 1950
Hammersmith Hosp., London W12, England
Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 P. O. Box 343, Rochester, Minn.
CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 330 Dartmouth
CHAPMAN, W. P., a. *M.*
M. G. H.
Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.
Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton
Cheer, Sheo-Nan, *E.M.* 1922
National Central Univ., Nanking, China
Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.
Chernoff, A. I., *M.* 1948
120 Dwight, New Haven, Conn.
CHISHOLM, J. F., Jr., a. *Oph.*
Mass. E. & E. Inf.
Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.
Christensen, W. R., *W.M.* 1943
Salt Lake City County Gen. Hosp., Salt Lake City, Utah
Christenson, W. N., *M.* 1949; a.r.p. 1950
New York Hosp., New York, N. Y.
CHRISTMAN, G., a.dn.s. (*Dn.* 1951); a.r.s. *Dn.* 1952
395 Commonwealth Ave.
CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.
CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) 203 Commonwealth Ave.
Claiborne, T. S., *W.M.* 1934
384 Peachtree, Atlanta, Ga.
Clap, E. W., *E.M.* 1895
99 Bay State Rd.
Clapp, S., *N.S.* 1939
1926 W. Superior, Duluth, Minn.
CLARK, DEAN A., gen. dir. M.G.H.
Clark, DeWitt S., Jr., *E.S.* 1915
2 Oliver, Salem
Clark, G. O., *E.S.* 1904 343 Beacon
CLARK, L. D., a. *Psychiat.* (*M.* 1948); r.p. *Psychiat.* 1950
M. G. H.
Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.
Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.
CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester
Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Clarke, B. G., *E.M.* 1943
2449 S. Dearborn, Chicago, Ill.
CLAY, C. L., a.dir. M. G. H.
Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine
CLIFFORD, M. H., a.p.; a.r.p. 1935
501 Boylston
CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline
Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.

CLOUGH, J. M., a. *Oph.*
101 Bay State Rd.

Clowes, G. H. A., Jr., a.r.s. 1948
12 Pine Hill Rd., Toronto, Canada

CLYMER, G., *Bd. of Cons.;* cons.n. (*McL.*)
77 Eton Rd., Longmeadow

Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.

COBB, S., c. *Psychiat.;* cons. psychiat. (*McL.*) M. G. H.

COBBS, B. W., Jr., a.r.p. (*M.* 1953) M. G. H.

COCHRAN, W. D., a.r.p. *C.M.* M. G. H.

COE, R. C., a.r.s. (*S.* 1951) M. G. H.

COGAN, D. G., assoc. s. *Oph.*
Mass. E. & E. Inf.

Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.

COGSWELL, THELMA B., exec. a. *O.P.D.* (*S.N.* 1926) M. G. H.

COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline

Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.

Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center

Cohen, M. E., a.r.p. *Psychiat.* 1936 M. G. H.

COHEN, R. B., r.p. *Path.* M. G. H.

Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.

Cohn, Z. A., *M.* M. G. H.

COLBY, F. H., c. *U.* (*W.S.* 1920)
262 Beacon

Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.

COLE, E. M., assoc.n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*)
412 Beacon

Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.

Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.

COLLINS, HERSCHEL D., a.r.p. (*M.* 1953) M. G. H.

Collins, R., Jr., *E.S.* 1933
3812 S. 9th, Arlington, Va.

COLLINSON, A. W., a.s. *Oph.*
226 Bay State Rd.

Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada

Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Australia

Colwell, H. S., *E.M.* 1916
309 Edwards, New Haven, Conn.

Comly, H. H., *C.M.* 1944
2105 Como Ave., St. Paul, Minn.

Compton, D. W., r.p. *An.* 1946
1110 Harvard Ave., Seattle, Wash.

Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.

Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.

Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg., Winston-Salem, N. C.

Constable, J. D., *S.* M. G. H.

COOK, C. D., a.p. *C.M.;* a.r.p. *C.M.* 1949 M. G. H.

Cook, E. C., *W.S.* 1916
Mendota, Ill.

COOLIDGE, J. C., a. *Psychiat.* (*C.M.* 1945) 12 Orchard Rd., Belmont

Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.

Coombs, F. S., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio

Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton

Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.

COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.

CORSA, L., Jr., a. *C.M.* M. G. H.

Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.

COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington

Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.

Cozen, L., *Or.* 1938
2007 Wilshire Blvd., Los Angeles, Calif.

CRABTREE, H. H., *Bd. of Cons.* (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919 412 Beacon

Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 McLean Hosp., Waverley

Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C.

Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.
CRAWFORD, E. S., r.s. (*E.S.* 1947) M. G. H.
Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N.Y.
CRAWFORD, J. D., assoc.p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington; 101 Bay State Rd.
CRONKHITE, L. W., Jr., r.p. (*M.* 1950) M. G. H.
Crothers, B., *W.M.* 1911
Children's Med. Center
CROWELL, W. M., a. *Psychiat.* (*McL.*) McLean Hosp., Waverley
CROWLEY, C. W., a.dn.s.
8 Newbury
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 509 Olive Way, Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
Culver, G. A., a.r.p. *An.* 1950
Jefferson Davis Hosp., Houston, Tex.
CULVER, P. J., a.p. (*E.M.* 1942) M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood
CUMMIN, J. W., hon. s. (*S.S.* 1897) 416 Marlborough
CUMMINS, LORETTA J., *Bd. of Cons.* 412 Beacon
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.*
226 Marlborough
CURRIE, R. A., a.r.s. (*S.* 1950) M. G. H.
Curtin, R. R., *S.* M. G. H.
Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant
Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAFFINEE, R. W., assoc.p. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.
Dalrymple, W., *M.* 1947
239 Walnut, Brookline
Dalton, J. E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
Damiani, C. R., r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.
Dann, D. S., h.p. *R.* 1922
410 Professional Bldg., Kansas City, Mo.
d' Autremont, C. C., r.p. *N.* 1948
87 Rutledge Rd., Belmont
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.
Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.
DAVIES, J. A. V., p. *C.M.*
319 Longwood Ave.
Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.
Davis, B. M., a.r.s. *W.S.* 1942
4 Woodcote Park Ave., Purley, Surrey, England
Davis, J. M., *S.* 1948; a.r.s. 1952
1819 Goodwin, Jacksonville, Fla.
DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
482 Beacon
Dawson, C. W., *Or.* 1936
109 E. Broad, Columbus, Ohio
DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.
DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.
DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon
DeLORME, T. L., a.r.s. *Or.* M. G. H.
d'Elseaux, F. C., *W.M.* 1929
37 Marlborough
de MARNEFFE, F. L. A., a. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1952
McLean Hosp., Waverley

DEMING, RUTH, exec. a. *O.P.D.* (*S.N.* 1925) M. G. H.
DEMPSEY, P. A., dn.s. 56 Melville Ave., Dorchester
Dennen, R. W., *E.S.* 1911 Tennants Harbor, Maine
Dennie, C. C., *D.* 1914 1103 Grand Ave., Kansas City, Mo.
DeNormandie, R. L., *E.S.* 1903 Old Lexington Rd., Lincoln
Denton, Jane E., *M.* 1946; a.r.p. 1946 Cushing Vet. Adm. Hosp., Framingham
Derby, J. P., *Or.* 1925 20 Maple, Springfield
Derow, H. A., *Path.* 1928 520 Beacon
Derow, S., *Path.* 1931 925 Centre, Newton Centre
Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941 25 Maple, Springfield
Detwiler, R. H., *C.M.* 1940 3120 N. 13th, Arlington, Va.
DEUTSCH, HELENE, *Bd. of Cons.* 44 Larchwood Dr., Cambridge
Dewey, E. B., *E.S.* 1921 Thatcher Med. Center, 960 E. Green, Pasadena, Calif.
Dexter, R., *E.M.* 1906 1422 Euclid Ave., Cleveland, Ohio
DIAMOND, L. K., cons. *C.M.* Children's Med. Center
Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl., New York, N. Y.
DICKSON, W. A., a.p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947 266 Beacon
DIENES, L., cons. b. M. G. H.
DIETRICH, H. J., a. *Otolar.* 1101 Beacon, Brookline
Dillon, V. M., *Or.* 1932 490 Post, San Francisco, Calif.
Ditmore, H. B., Jr., *S.* M. G. H.
Dixson, I. M., *W.S.* 1930 1765 Sherman, Denver, Colo.
Dodd, R. B., a.r.p. *An.* 1950 127 Washington, Allston
Dodge, R. S., a.r.s. *Or.* 1946 402 Dillingham Bldg., Honolulu, T. H.
Dodson, L. C., r.s. *P.H.* 1932 330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935 Hosp. of the Univ. of Pennsylvania, Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945 St. Louis Univ. Med. Sch., St. Louis, Mo.
Dole, K. L., *E.S.* 1917 47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941 Rockefeller Inst. Hosp., New York, N. Y.
DONAGHY, G. E., a.an. M. G. H.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.
DONAHUE, H. C., assoc. s. *Oph.* 520 Commonwealth Ave.
Donald, J. H., *M.* 1947; a.r.p. 1948 1545 W. Colorado Blvd., Dallas, Tex.
DONALDSON, G. A., a.s. (*E.S.* 1938); r.s. 1942 266 Beacon
DOW, MURIEL, exec. a. *O.P.D.* (*S.N.* 1930) M. G. H.
Drake, E. H., a.r.s. 1945 29 Deering, Portland, Maine
Drake, T. G., a.r.p. 1937 4515 Lindell Blvd., St. Louis, Mo.
Dresel, R. L., *Or.* 1921 450 Sutter, San Francisco, Calif.
DRESSER, R., clin. assoc. *R.* 129 Bay State Rd.
Drewry, G. R., *M.* M. G. H.
DREYFUS, P. M., a.r.p. *N.* M. G. H.
DROOKER, J. C., assoc. s. *Otolar.* 20 Charlesgate West
DUDLEY, H. R., Jr., a.r.p. *Path.* (*M.* 1953) M. G. H.
Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
Dulin, J. W., *Path.* 1933 University Hosp., Iowa City, Iowa
Dumas, C. E., r.p. *R.* 1931 390 Main, Worcester
DUNCAN, C. J., a.obst. 1101 Beacon, Brookline
DUNCOMBE, A. L., clin. assoc. *M.* (*E.M.* 1934) 167 Newbury, Brockton
Dunn, C. H., *W.M.* 1901 Katonah, N. Y.
DUNN, E., a.r.s. M. G. H.
DUNN, FA-CHI, a.r.p. *D.* M. G. H.
Dunn, W. M., *E.S.* 1912 127 Peachtree, N. E., Atlanta, Ga.
DUNPHY, E. B., c. *Oph.* Mass. E. & E. Inf.
Durkin, H. A., *C.M.* 1915 and *W.M.* 1917 102 North, Peoria, Ill.
Durno, E. R., *E.S.* 1929 7 S. Central Ave., Medford, Oreg.
D'Urso, J. J., r.p. *D.* 1944 301 Essex, Lawrence
DuTOIT, C. H., a.p. (*W.M.* 1943); c.r.p. 1949 M. G. H.

DWIGHT, R. W., clin. assoc. *S.* (*W.S.* 1931)
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Dwinell, G. F., *W.S.* 1917
814 Elm, Manchester, N. H.

DYER, E. C., a.p. *C.M.*
1180 Beacon, Brookline

DYSART, H. E., a.r.p. *An.* M. G. H.

EASTON, M. T., assoc.s. *Oph.*
1180 Beacon, Brookline

Eaton, W. E., *D.* 1907
c/o The Munsey Trust Co.,
Washington, D. C.

Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield

Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.

Edsall, G., *E.M.* 1936
36 Follen, Cambridge

Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama,
Birmingham, Ala.

Egel, N., r.s. *Or.* 1938
917 Stella Ave., Plainfield, N. J.

Egloff, F. R. L., r.p. *Psychiat.* 1951
97 Roseland Ter., Longmeadow

EHRENKRANZ, N. J., r.p. (*M.* 1950)
M. G. H.

Eiseman, B., *E.S.* 1943
6463 Cecil Ave., St. Louis, Mo.

ELDREDGE, L. L., Jr., a.p. *C.M.;* a.r.p. *C.M.* 1951 215 Main,
Hingham

Eliel, L. P., *E.M.* 1942
Oklahoma Med. Res. Inst.,
Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943
923 Rosewell Ave.,
Long Beach, Calif.

Elliot, H. L., r.p. *An.* 1942
479 Beacon, Manchester, N. H.

Elliott, J. A., Jr., *M.* 1945
1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., a.p. (*E.M.* 1941)
1101 Beacon, Brookline

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952
110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928
319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947
Res. Inst., Montreal Gen. Hosp.,
Montreal, Canada

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942
270 Commonwealth Ave.

Emerson, K., *E.S.* 1902
721 Huntington Ave.

Emerson, W. J., a.r.p. *Path.* 1947
Box 269, Somerville, N. J.

Emmons, A. B., II, *W.S.* 1905
2430 Coffee Pot Dr.,
St. Petersburg, Fla.

ENDEE, C. H., a.dn.s.
6 Marlborough

ENGEL, L. L., assoc. biochem. *M.*
M. G. H.

English, H. S., a.r.p. *N.P.* 1948
Syracuse Med. Sch.,
Syracuse, N. Y.

Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.

EO-YANG, BETTY S. M., a.r.p. *An.*
M. G. H.

ERNLUND, C. H., s. *Otolar.*
5 Bay State Rd.

ESSEMBER, L. J., a.r.p. *C.M.*
M. G. H.

Esslinger, J. O., a.r.s. *Or.* 1952
309 W. 6th, Fulton, Mo.

EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Chesham, N. H.

EVANS, M. G., s. *Otolar.*
416 Marlborough

Evans, Richard R., *Path.* 1944
263 Beacon

EVANS, ROBLEY D., cons. *Physics*
M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950
701 S. Broadway, McAllen, Tex.

Ewell, J. W., *W.M.* 1937
Dept. Hygiene and Health,
Yale Univ., New Haven, Conn.

Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.

Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.

Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.

Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
142 Steele Rd., W. Hartford, Conn.

Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp.,
Providence, R. I.

Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.

Farmer, D. A., *W.S.* 1943
62 E. Newton

FARNSWORTH, D. L., assoc.p. (*W.M.* 1935)
Med. Dept., M. I. T., Cambridge

Farrell, M. E., *C.M.* 1934
318 Spring Ave.,
Clarksburg, W. Va.

Faulkner, J. M., *E.M.* 1925
80 E. Concord
Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg.,
Grand Rapids, Mich.
Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906) 25 Chestnut
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
Federman, D. D., *M.* M. G. H.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
FENNELL, R. H., Jr., a. path.; sr.r.p. *Path.* 1949 M. G. H.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington
Ferguson, E. L., *S.* M. G. H.
Ferguson, I. A., Jr., *S.* M. G. H.
Ferguson, J. J., Jr., *M.* 1951; a.r.p. 1952 9 The Outlook, Glen Cove, Long Island, N. Y.
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.
FIELD, J. B., r.p. (*M.* 1952)
M. G. H.
FIELD, R. A., r.p. (*M.* 1950)
M. G. H.
Finck, A. J., a.r.p. *An.* 1949
39 Somerset Rd., Brookline
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
Finley, K. H., *W.M.* 1934; r.p. *N.* 1936 2675 Pacific Ave., San Francisco, Calif.
Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.
Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Ellis Hosp., Schenectady, N. Y.
Fisher, Mary S., *M.* 1949
Garfield Hosp., Washington, D. C.
Fishman, R. A., r.p. *N.* 1950
Neurological Inst.,
Presbyterian Hosp., New York, N. Y.
Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine
Fite, E. H., *E.S.* 1926
204 N. Third, Muskogee, Okla.
Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.
Fitz, R., *E.M.* 1911; h.p. *E.M.* 1920
319 Longwood Ave.
FITZHUGH, G., p. 330 Dartmouth
Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.
Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg.,
Fort Worth, Tex.
Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio
Floyd, C., *W.M.* 1904
246 Marlborough
FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem
Fogg, N. A., *W.S.* 1918
Rockland, Maine
FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Waverley
Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.
Foley, T. M., *Or.* 1915
1835 Eye, N. W., Washington, D. C.
Folsom, H. F., *W.M.* 1931
198 Union, Framingham
FORBES, A., cons. *Neurophysiol.*
Harvard Univ., Cambridge
FORBES, ANNE P., a.p. M. G. H.
Ford, A. B., *M.* 1950; a.r.p. 1952
2843 Hampton Rd., Cleveland, Ohio
FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.
Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.
Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.
FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton
Foster, D. P., *E.M.* 1923
Henry Ford Hosp., Detroit, Mich.
FOSTER, G. S., a.r.p. (*M.* 1952)
M. G. H.
Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.
Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline
Frame, B., *M.* 1949; a.r.p. 1950
Grace-New Haven Community Hosp., New Haven, Conn.
Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.
FRANK, T., a.r.p. *C.M.* M. G. H.
Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline
Franseen, E. F., j.r.s. *Or.* 1947
38 School, Springfield

FRANTZ, I. D., Jr., a.p. M. G. H.
Franz, E. M., a.r.s. *Or.* 1948
85 Grant, Denver, Colo.
FRAZEE, J. R., assoc. s. *Otolar.*
1180 Beacon, Brookline
FRAZIER, C. N., c. *D.* M. G. H.
Frazier, H. S., *M.* M. G. H.
FREEDBERG, A. P., a. *D.*
360 Essex, Salem
Freedman, H. J., *C.M.* 1928
483 Beacon
Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.
Freeman, G. M., *Dn.* 1946
27 Appleton Pl.,
Upper Montclair, N. J.
Freeman, N. E., r.s. *W.S.* 1935
1435 Fourth Ave.,
San Francisco, Calif.
Freeman, W. T., *C.M.* 1922
Biltmore, N. C.
Freiberg, J. A., *Or.* 1926
707 Race, Cincinnati, Ohio
Freymann, J. G., *M.* 1947; a.r.p. 1951
M. G. H.
Frick, Adelaide H. C., a.r.p. *C.M.*
1946 Roslyn, Long Island, N. Y.
FRIEDLICH, A. L., Jr., a.p. (*M.*
1943); r.p. 1948 M. G. H.
Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.
Fritz, W. F., *M.* 1950; a.r.p. 1951
National Heart Inst., USPHS
Hosp., Baltimore, Md.
Frost, Harold M., *W.S.* 1915
501 Boylston
Frost, Horace B., *E.S.* 1897
1035 Washington Blvd.,
Oak Park, Ill.
Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave.,
Washington, D. C.
Fuchs, P., *W.S.* 1942
3rd Ave., South, No. 3,
Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
85 Trumbull, New Haven, Conn.
Fuller, Henry, *W.M.* 1929
133 S. Kentucky Ave.,
Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Gamble, C. J., *W.M.* 1922
255 Adams, Milton
Gamble, J. L., *W.M.* 1912
Children's Med. Center
Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.
Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa
GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence
Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.
GANZ, R. N., a.p. *C.M.* (*C.M.* 1925)
262 Beacon
GARCELON, G. G., clin. assoc. *S.*
483 Beacon
Gardella, J. W., *M.* 1945; a.r.p. 1946
M. G. H.
Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp.,
Toronto, Canada
Gardner, G. E., *C.M.* 1938; r.p. *C.M.*
1939 7 Trapelo Rd., Belmont
Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.*
1947 Syracuse Memorial Hosp.,
Syracuse, N. Y.
Garland, F. E., *S.S.* 1903
483 Beacon
GARLAND, J., p. *C.M.* (*C.M.* 1919
and *E.M.* 1921) 8 The Fenway
Garland, R., *W.S.* 1904
28 Dale Ave., Gloucester
GARRAN, F. W., Jr., a.r.s. (*S.*
1951) M. G. H.
Garrett, J. W. D., *An.* 1940; r.p. *An.*
1941 43 Harwood Rd., E. Natick
GARREY, W. E., clin. assoc. *S.* (*E.S.*
1933); r.s. 1936
1180 Beacon, Brookline
Garrigues, H. B., *W.S.* 1939; a.r.s.
W.S. 1940 509 Olive Way,
Seattle, Wash.
Garrity, R. W., sr.r.s. *N.S.* 1950
U. S. Naval Hosp.,
San Diego, Calif.
GASTEIGER, E. L., Jr., res. assoc.
N.S. M. G. H.
Gaston, L. W., *M.* M. G. H.
Gates, P. H., r.p. *Psychiat.* (*McL.*)
1942 4 Walnut Ave., Cambridge
GAULD, A. G., assoc. obst. (*E.S.*
1934) 1180 Beacon, Brookline
Gaunt, F. P., *W.S.* 1913
13A N. Gore Ave.,
Webster Groves, Mo.
Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.

Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.
Gentry, R. W., *E.S.* 1943
65 N. Madison Ave.,
Pasadena, Calif.
George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 203 Trust Co. Bldg.,
Watertown, N. Y.
GEPHART, F. T., a. *S.* (*W.S.* 1942); r.s. 1948 205 Beacon
GERGELY, J., a. biochem. *M.*
M. G. H.
Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.
GIBBONS, J. F., a.r. M. G. H.
GIBERTI, FLORENCE, exec. a. *O.P.-D.* (*S.N.* 1929) M. G. H.
Gibson, G. C., *W.S.* 1944
Robinson Memorial Hosp.,
Ravenna, Ohio
Gibson, J. G., a.r.p. *Psychiat.* 1951
Maudsley Hosp.,
London S.E., England
Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.
Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.
Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla,
Wash.
GILLESPIE, L., a. obst.
1180 Beacon, Brookline
Gillies, A. J., a.r.p. *An.* 1952
Mayo Clinic, Rochester, Minn.
Ginandes, S. C., *C.M.* 1952
37 Mellen, Cambridge
Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
920 S. Jefferson, Roanoke, Va.
Glendy, R. E., a.r.p. 1934
920 S. Jefferson,
Roanoke, Va.
Glenn, W. W. L., a.r.s. 1946
749 Millbrook Lane, Haverford, Pa.
GLICKLICH, E. A., a. *D.* 422 Beacon
GLIMCHER, M. J., a.r.s. M. G. H.
Glotzer, D. J., *S.* M. G. H.
Glover, D. M., *W.S.* 1922
10300 Carnegie Ave.,
Cleveland, Ohio
Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge
Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.
GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919
475 Commonwealth Ave.
Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave.,
Los Angeles, Calif.
Goetz, F. C., *M.* 1947; r.p. 1951
Peter Bent Brigham Hosp.
Goldblatt, M. E., *E.M.* 1926
983 Park Ave., New York, N. Y.
Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise,
New Orleans, La.
Golden, R., h.p. *R.* 1921
622 W. 168th, New York, N. Y.
GOLDEN, T. S., clin. assoc. *C.M.*
118 Union Ave., Framingham
Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.
Goldthwait, Joel C., a.r.p. *Path.* 1948
Vet. Hosp., W. Roxbury
GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough
GOODALE, F., Jr., a.r.p. *Path.*
M. G. H.
Goodale, J. L., *W.M.* 1893 Ipswich
GOODALE, R. L., s. *Otolar.*
330 Dartmouth
GOODALL, E. B., a. *Oph.*
99 Bay State Rd.
Gordon, A. M., *C.M.* 1929
405 Sixth Ave., Des Moines, Iowa
Gordon, E. S., *Path.* 1935
1300 University Ave.,
Madison, Wis.
GORDON, J. E., cons. *Prev. M.*
Harvard School of Public Health
Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill,
Wimbledon, London S. W., England
Gorman, Rosemary V., a.r.p. 1945
New York Hosp., New York, N. Y.
Gottschalk, C. W., *M.* 1946; r.p. 1952
Dept. of Med.,
Univ. of North Carolina,
Chapel Hill, N. C.
GOVE, B. J., a.dn.s.
508 Commonwealth Ave.
Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.
Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.
GRAHAM, JOHN B., a. *S.*
M. G. H.
GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain
GRAHAM, RUTH M., clin. cytologist
M. G. H.
Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell

GRANT, W. M., a. *Oph.*
Mass. E. & E. Inf.
GRAY, B. C., a. *D.* 416 Marlborough
GRAY, F. C., *Chairman of Trustees*
10 P. O. Sq.
GRAY, R., *Secretary of the Corporation* 15 State
Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.
Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, R. M., cons. *Anat.* (*S.S.* 1907) 80 Mason Ter., Brookline
GREEN, T. H., Jr., a.r.s. (*W.S.* 1947) M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, E. M., *E.M.* 1889
Vineyard Haven
Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.
GREENE, J. E., a. *M.*
23 Bay State Rd.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
H. M. S.
GREENE, ROBERT G., a.r.s. *Or.*
M. G. H.
Greenhill, M. H., r.p. *Psychiat.* 1939
Duke Hosp., Durham, N. C.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Gregg, A., *W.M.* 1917
49 W. 49th, New York, N. Y.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
GREGORY, J. D., a. biochem. *Res. Chem.* M. G. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
Univ. of California Sc. Labs., Los Alamos, N. M.
GRIESEMER, R. D., a. *D.*; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
GRILLO, H. C., a.r.s. (*S.* 1948)
M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
Groves, L. K., *W.S.* 1947
578 New P. O. Bldg., Columbus, Ohio
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 1 Federal
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
GUNDERSEN, A.L., a.r.s. (*S.* 1950)
M. G. H.
GUNDERSEN, SIGURD B., Jr., a.r.s. (*S.* 1949) M. G. H.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.*
101 Bay State Rd.
GURALNICK, W. C., dn. s.
29 Commonwealth Ave.
Guyton, A. C., *W.S.* 1943; a.r.s. 1946
211 S. 5th, Oxford, Miss.
HAANES, M. A., a. *D.*
286-A Cabot, Beverly
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
Haggart, W. W., *E.S.* 1924
1236 Republic Bldg., Denver, Colo.
Haig, T. R., *Or.* 1924
1127 11th, Sacramento, Calif.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
HAIRE, P. G., a.s. *Oph.*
6 Pleasant, Malden
Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.
HALEY, W. D., a. *Oph.*
78 Church, Winchester; 1180 Beacon, Brookline
Hall, B., *M.* 1946
Univ. of Illinois Research Hosp., Chicago, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
Hallenbeck, D. F., Jr., r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley
HALLOWELL, P., a.r.p. *An.*
M. G. H.

Halsted, J. A., *W.M.* 1932
743 High, Dedham
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.
Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., assoc.v.s. (*W.S.* 1936); r.s. *W.S.* 1939 264 Beacon
HAMLIN, H., clin. assoc. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hampton, A. O., r.p. *R.* 1927
Garfield Memorial Hosp., Washington, D. C.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANELIN, J., assoc.r.; r. (*McL.*) M. G. H.
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
HAPP, L. C., a. *Oph.*
170 Waterman, Providence, R. I.
Haralambie, J. Q., *C.M.* 1936
Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany
HARDY, HARRIET L., assoc. p.
Med. Dept., M. I. T., Cambridge
HARDY, I. B., Jr., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham
Harper, W. F., *E.S.* 1924
Swift Bldg., Selma, Ala.
Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.
Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.
Harris, W. R., a.r.s. *Or.* 1952
75 Forest Hill Rd., Toronto, Canada
Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.
Harrison, M. B., *E.M.* 1938
104 Funston Ave., San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.
Harting, D., *C.M.* 1947
1625 Northern Pkwy., Baltimore, Md.
Hartwell, J. B., *W.S.* 1905
23 E. Pikes Peak Ave., Colorado Springs, Colo.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939 135 Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.
HARWOOD, R., a.p. (*W.M.* 1936) 266 Beacon
Haswell, H. P., a.r.p. *An.* 1949
1403 E. Seneca, Tucson, Ariz.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple, Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee*
1220 Statler Office Bldg.
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
HAUT, A., r.p. (*M.* 1950) M. G. H.
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., a.dn.s.; dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave., Palo Alto, Calif.
HAYDEN, E. P., assoc. v.s.; h.s. *E.S.* 1923 270 Commonwealth Ave.
Hayes, D. R., *E.S.* 1939
121 Chestnut, Springfield
HAYNES, W. M., Jr., a.r.s. (*S.* 1952) M. G. H.
HEAD, J. M., a.r.s. (*S.* 1951) M. G. H.
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
HEATH, P., dir. *Oph. Path. Lab.*
Mass. E. & E. Inf.
HEATH, P., Jr., a.r.p. M. G. H.
Heath, R. D., a.r.s. *Or.* 1950
30 W. Bells Mill Rd., Chestnut Hill, Philadelphia, Pa.
Heffron, R., *E.M.* 1931
The Commonwealth Fund, 1 E. 75th, New York, N. Y.

HELMAN, M. E., a. *D.*
375 Commonwealth Ave.
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
Hendren, W. H., III, *S.* M. G. H.
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 205 Beacon
Henley, T. F., *C.M.* 1939
116 Lockland Ave., Winston-Salem, N. C.
Henry, M. O., *Or.* 1922
825 Nicollet Ave., Minneapolis, Minn.
HEPBURN, J. P., a.r.p. *An.* M. G. H.
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc., Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
Hershey, F. B., *E.S.* 1947; r.s. 1952
Washington Sch. of Med., St. Louis, Mo.
Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
647 Pleasant, Weymouth
Heyl, H. L., r.s. *N.S.* 1940
Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation, New Canaan, Conn.
HIEBERT, C. A., a.r.s. (*S.* 1952) M. G. H.
Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
41 Cypress, Newton Centre
HILL, J. M., a. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro
Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
HILL, W. R., Jr., a.d.
520 Commonwealth Ave.
Hills, H. M., Jr., *Or.* 1942
524 Med. Arts Bldg., Charleston, W. Va.
Hills, O. W., *M.* 1943
403 7th, N.W., Rochester, Minn.
HINDMAN, D. H., a. obst.
1093 Beacon, Brookline
Hinshaw, A. J., *E.S.* 1947
714 Goodhue Bldg., Beaumont, Tex.
Hitchcock, H. H., *Or.* 1922
1624 Franklin, Oakland, Calif.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.
Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio
Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W., Washington, D. C.
HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 262 Beacon
Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.
Hoffman, H. A., r.s. *U.* 1946
60 Eighth, New Bedford
HOFFMAN, J. L., clin. assoc. *Psychiat.*
Vet. Adm. Hosp., Bedford
Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
Davidson County Health Dept., County Court House, Nashville, Tenn.
Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave., Milwaukee, Wis.
HOLDER, R., a. *Psychiat.* (*M.* 1945); r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover
HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1180 Beacon, Brookline
Hollings, C. B., *W.S.* 1908
John Hancock Mut. Life Ins. Co.
HOLMES, E. M., s. *Otolar.*
330 Dartmouth
HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine
HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham
Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp., Toronto, Canada
Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.
Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine
Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro

Homans, J., *S.S.* 1904
1180 Beacon, Brookline
HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 205 Beacon
HOMANS, MRS. ROBERT, *Trustee*
280 Beacon
Hoodless, E. C., a.r.s. *Or.* 1952
St. Joseph's Hosp., Victoria, British Columbia, Canada
Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp., Baltimore, Md.
Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield
HOPKINS, R. W., a.r.s. (*S.* 1948) M. G. H.
Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead
Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline
Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
Medico-Dental Bldg., Sacramento, Calif.
Horrax, G., h.s. *W.S.* 1917
605 Commonwealth Ave.
HORWITZ, W. H., clinic p. (*McL.*); r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Waverley
Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950
Tulane Univ. Sch. of Med., New Orleans, La.
Howard, H. H., *W.S.* 1914
270 Commonwealth Ave.
Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp., Baltimore, Md.
HOWARD, P. M., assoc. psychiat.; acting c. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1937; r.p. *Psychiat.*(*McL.*) 1939
McLean Hosp., Waverley
HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough
Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset
Howland, J. B., *W.S.* 1897
657 Main, Hingham
Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield
Hubbard, E., Jr., *W.M.* 1921
29 Highland, Cambridge
Huber, W. M., r.p. *D.* 1937
Vanderbilt Clinic, Presbyterian Med. Center, New York, N. Y.
Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932
234 Marlborough
HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.
Huggins, C. E., *S.* M. G. H.
Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg., Denver, Colo.
Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital, Basel, Switzerland
Hummel, L. E., *Path.* 1932
135 Linwood Ave., Buffalo, N. Y.
Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon
Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.
HUNTER, F. T., clin. path. and assoc. p. (*W.M.* 1926) M. G. H.
Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.
HUNTINGTON, B. L., a. *M.* (*W. M.* 1940)
John Hancock Mut. Life Ins. Co.
Huntington, J. L., *S.S.* 1908
River Dr., Hadley
Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927
605 Commonwealth Ave.
HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy
Huston, L. L., *Or.* 1937
67 Converse, Longmeadow
Hyatt, G. T., *W.S.* 1931 and *Or.* 1934 412 S. E. Fourth, Evansville, Ind.
Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K, Denmark
Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd., Los Angeles, Calif.
Ingalls, T. H., r.p. *C.M.* 1938
St. Mark's Sch., Southboro
INGERSOLL, F. M., a.s. (*W.S.* 1939); a.r.s. 1942 264 Beacon
Irving, F. C., *W.S.* 1911
1180 Beacon, Brookline
Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health
ISSELBACHER, K. J., r.p. (*M.* 1950) M. G. H.
Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood
Jackson, A. M., *W.S.* 1917
512 Broadway, Everett
Jackson, B. B., *S.* M. G. H.
Jackson, G. H., Jr., *Or.* 1919
840 Forest Ave., Evanston, Ill.

Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.
JACKSON, W. P. U., a. *M.* M. G. H.
JACOBSON, B. M., assoc. p.
422 Beacon
James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.
James, W. J., r.s. *N. S.* 1949
U. S. Naval Hosp., Chelsea
Javid, M., r.s. *N.S.* 1952
University Hosp., Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.*
M. G. H.
Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio
Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.
Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.
JESSNER, LUCIE J., psychiat.; r.p.
Psychiat. (*McL.*) 1939
107 Garden, Cambridge
Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.
JOHNSON, CARL C., a.s. *Oph.*
5 Bay State Rd.
JOHNSON, CHARLES I., s. *Otolar.*
403 Commonwealth Ave.
Johnson, F. G., *Dn.* 1943
26 Washington, Eastport, Maine
JOHNSON, LOUIS F., Jr., a.r.p. *An.*
M. G. H.
Johnson, Louis G., *Path.* 1940 and
E.M. 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada
JOHNSON, MARIANNE R., a. an.
M. G. H.
Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.
Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine
JOHNSON, PAUL, res. a. *Psychiat.*
M. G. H.
Johnson, Paul R., *Path.* 1936
678 Farmington Ave.,
W. Hartford, Conn.
JOHNSON, SALLY, dir. emeritus
S.N. and *Nurs. Serv.* (*S.N.* 1910)
2 Brimmer
Johnston, E. V., *W.S.* 1947
1320 Greenwood Ave.,
Wilmette, Ill.
Jones, B. B., *E.M.* 1918 and *C.M.* 1919
1004 W. Franklin, Richmond, Va.
JONES, C. M., p. (*E.M.* 1919); h.p.
E.M. 1921 M. G. H.
Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
320 Security Bldg., Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, S. G., clin. assoc. *S.* (*W.S.*
1923) 270 Commonwealth Ave.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
JONES, W. N., a. *Or.* (*Or.* 1947)
266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929
and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
JOSEPH, A. T., a. *Otolar.* (*Dn.*
1941)
475 Commonwealth Ave.
Joslin, E. P., *W.M.* 1895
81 Bay State Rd.
Jouett, F. R., *W.M.* 1900
1 Craigie, Cambridge
Judd, J. M., *E.S.* 1944; j.r.s. *E.S.*
1945; r.s. *N.S.* 1946
17 Liberty, Montpelier, Vt.
Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio
JUSTI, R. A., a.r.p. *Path.*
M. G. H.
KAHN, D., a. path.; r.p. *Path.* 1950
M. G. H.
KALIL, F. H., a.dn.s. (*Dn.* 1943)
814 Elm, Manchester, N. H.
Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.
KANE, L. W., a. *M.* (*W.M.* 1941)
205 Beacon
KAPLAN, S., a.p. *C.M.* 38 Hyde,
Newton Highlands
Kaufman, M. R., r.p. *Psychiat.* (*McL.*)
1933 253 Marsh, Belmont
Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester
KAZANJIAN, K. A., a. *Otolar.*; r.p.
D. 1933
475 Commonwealth Ave.
KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.
Kearsley, R. B., *C.M.* M. G. H.
Keats, A. S., a.r.p. *An.* 1951
1 Redcliff Ave., Highland Pk., N. J.
Keeley, J. K., *N.S.* 1937; r.s. *P.H.*
1938 103 S. Hamilton,
Poughkeepsie, N. Y.
Keiser, R. P., *Or.* 1942
Coral Gables Clinic,
Coral Gables, Fla.
KELEMEN, G., a.s. *Otolar.*
20 Gloucester

KELLEY, RITA M., a. *M.* (*M.* 1947); r.p. 1949 264 Beacon

KELLEY, S. B., assoc. v.u. (*E.S.* 1931); r.s. *U.* 1933 412 Beacon

KELLEY, V. J., s. *Otolar.* 520 Commonwealth Ave.

Kendrick, J. I., *Or.* 1933 2020 E. 93rd, Cleveland, Ohio

Kennard, H. E., *W.S.* 1934 1180 Beacon, Brookline

Kennedy, B. J., *M.* 1946; r.p. 1952 University Hosp., Univ. of Minnesota Med. Sch., Minneapolis, Minn.

Kennedy, H., *C.M.* 1921 2250 Highland Ave., Birmingham, Ala.

KENNEDY, J. H., a.r.s. (*S.* 1950) M. G. H.

Kennedy, R. P., *Thd. S.* 1924 1 Knollwood Dr., Rochester, N. Y.

KENT, C., a.s. *Otolar.* 270 Commonwealth Ave.

KERMOND, W. L., a.r.s. *Or.* M. G. H.

Kernan, R. D., *Path.* 1945 98 Adams, Milton

KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949 262 Beacon

Kerr, William J., *W.M.* 1916 Box B, Blue Lake, Humboldt County, Calif.

Kerrigan, G. A., *C.M.* 1950; c.r.p. *C.M.* 1952 M. G. H.

Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939 7 Trapelo Rd., Belmont

KETCHUM, P., *Trustee* and *Vice-President of the Corporation* 1 Federal

Ketchum, W. F., *C.M.* 1948 45 W. 601st, Orangeburg, N. Y.

Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931 Norwich State Hosp., Norwich, Conn.

Keuper, C. S., r.p. *D.* 1951 Schulenburg, Tex.

Key, J. A., *Or.* 1921 4952 Maryland Ave., St. Louis, Mo.

Key, W. A., *Or.* 1927 23 Second Ave., San Mateo, Calif.

Keyes, G. H., *M.* 1947 74-21 260th, Glen Oaks Village, Floral Park, N. Y.

Kiely, B., *M.* 1952 Johns Hopkins Hosp., Baltimore, Md.

Kilfoyle, R. M., a.r.s. *Or.* 1951 84 Olney, Dorchester

Kilgore, A. R., *W.M.* 1914 490 Post, San Francisco, Calif.

Kimberly, C. H., r.p. *N.* 1929 Stockbridge

Kind, H. A., *C.M.* 1935 Tilton Gen. Hosp., Fort Dix, N. J.

KING, D. S., *Bd. of Cons.* (*E.M.* 1920) 1101 Beacon, Brookline

KING, M. J., s. *Oph.* 1180 Beacon, Brookline

KING, R. B., clin. assoc. *M.* (*E.M.* 1927); r.p. *E.M.* 1928 203 Commonwealth Ave.

Kingman, L. C., *W.S.* 1905 76 Waterman, Providence, R. I.

Kinney, R. J., a.r.p. 1943 Santa Fe Hosp., Topeka, Kan.

Kinnicutt, R., *E.M.* 1908 72 Cedar, Worcester

Kinsey, Dera, a.r.p. 1939 203 Commonwealth Ave.

KIRKWOOD, S. B., assoc. obst. (*W.S.* 1934) 1180 Beacon, Brookline

KITE, O. W., a.dn.s. (*Dn.* 1951) 29 Bay State Rd.

Kitts, A. W., r.p. *C.M.* 1941 221½ Camden Ave., Salisbury, Md.

KLAUS, HANNA, a.r.p. *Path.* M. G. H.

KLEAVELAND, R. N., a.r.s. (*S.* 1952) M. G. H.

KLEIN, A., v.s. *Or.* 483 Beacon

Knapp, P. H., a.r.p. *Psychiat.* 1947 Boston Univ. Sch. of Med.

Knapp, R. G., Jr., *Dn.* 1950 16 Westland Ave.

Kneisel, J. J., *E.M.* 1940 1 Greenridge Ave., White Plains, N. Y.

KNOWLES, J. H., r.p. (*M.* 1952) M. G. H.

Kowalski, H. J., *M.* 1945; a.r.p. 1948 H. M. S.

Kozol, H. L., *E.M.* 1936 115 Bay State Rd.

Kramer, J. G., *C.M.* 1917 159 S. Main, Akron, Ohio

KRANE, S. M., a.r.p. (*M.* 1952) M. G. H.

KRANES, A., p. (*W.M.* 1932); c.r.p. 1935 330 Dartmouth

KRAYER, O., cons. *Pharm.* H. M. S.

Kreisle, J. E., *W.M.* 1943; *r.p.* 1947
Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946
Welch Emergency Hosp.,
Welch, W. Va.
KRUMBHAAR, G. D., assoc. obst.
203 Commonwealth Ave.
KUBIK, C. S., cons. *N.P.*
330 Dartmouth
Kuhlman, E. G., *C.M.* 1925
Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
116 Livingston Ave.,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KUKRAL, J. J., a.r.p. *An.* M. G. H.
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
1060 Park Ave., New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.
Lamdin, Susanne J., *C.M.* M. G. H.
Lamont, J. H., sr.r.p. *Psychiat.* (*McL.*)
1951 M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
LANE, C. G., *Bd. of Cons.*
416 Marlborough
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.*
1950 St. Paul Island,
Alaska
Larkey, J., *W.S.* 1928
3115 Webster, Oakland, Calif.
LARSON, C. B., *Bd. of Cons.* (*Or.*
1938)
University Hosp., Iowa City, Iowa
LASTER, L., r.p. (*M.* 1950)
M. G. H.
LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham
Lawrence, George H., *W.S.* 1947;
a.r.s. 1952 650 N. Woodlawn,
Kirkwood, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
60 Batterymarch
Lawrence, John S., *W.M.* 1925
Med. Sch. of the Univ. of California
South, Los Angeles, Calif.
Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers
LEADBETTER, W. F., clin. assoc. *U.*
New Eng. Center Hosp.
LEAF, A., a.p. (*M.* 1944) M. G. H.
LEAHEY, B. D., assoc. s. *Oph.*
9 Central, Lowell
LeBARON, F. N., sc. res. a. (*McL.*)
McLean Hosp., Waverley
LEDBETTER, BETSY A., a.r.p. *An.*
M. G. H.
LeDONNE, J. E., a. *D.*; r.p. *D.* 1952
507 Main, Worcester
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
3156 Pershing Ave.,
San Bernadino, Calif.
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
Leidholt, J. D., a.r.s. *Or.* 1952
234 Marlborough
Leigh, A.D., r.p. *Psychiat.* 1948
Maudsley Hosp., Denmark
Hill, London, England
LEIGHTON, H. T., a.obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.
LERMAN, J., assoc. p.
370 Commonwealth Ave.
Levek, J. A., *C.M.* 1915
32 Lawrence, Lawrence
LEVENE, M. B., a.r.p. *R.* M. G. H.
LEVER, W. F., a. d.; a.r.p. *D.* 1938
270 Commonwealth Ave.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
Univ. of California Hosp.,
Med. Center,
San Francisco, Calif.
LEWIS, D. K., a.s. *Otolar.*
15 Dix, Winchester

Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.* 1936 Westfield State Sanatorium, Westfield
LEWIS, JOSEPH L., a.p. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937
751 Main, Waltham
LEWIS, L. W., a.r.p. *An.* M. G. H.
LEZER, L. R., a.dir. M. G. H.
Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers
Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 Carroll County Health Dept., Westminster, Md.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
LIFVERGREN, SARAH M., exec. a. *B.M.* (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
Main, Wareham
Lincoln, R. C., *Dn.* M. G. H.
LINDEMANN, E., psychiat.
M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.
LINENTHAL, A. J., assoc.p. *C.M.;* a.r.p. 1944 1265 Beacon, Brookline
Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester
LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline
LIPMANN, F., biochem. *Res. Chem.* M. G. H.
Littlefield, J. W., *M.* 1948; r.p. 1950 1 E. Gilman, Madison, Wis.
LITTMANN, D., clin. assoc. *M.* Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Liu, C. T., r.s. *N.S.* 1946
Vet. Hosp., Canandaigua, N. Y.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.
Livingston, W. K., *W.S.* 1922
1020 S. W. Taylor, Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946 115 Newbury
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
179 Allyn, Hartford, Conn.
Locksley, H. B., *S.* 1950; a.r.s. 1951 M. G. H.
Loeb, R. F., *W.M.* 1920
Presbyterian Hosp., New York, N. Y.
LO-PRESTI, J. J., a. *Oph.*
34½ Beacon
LORENZ, MARIA, a. *Psychiat.;* psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
Loring, R. G., *W.S.* 1896
Colonial Inn Lane, Concord
Lothrop, O. A., *W.S.* 1909
101 Beacon
LOVESEY, B. E., assoc. s. *Otolar.*
76 Bay State Rd.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.
LOWELL, J. D., a.r.s. *Or.* M. G. H.
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
703 Asylum Ave., Hartford, Conn.
LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
Luck, D. J. L., *M.* M. G. H.
LUDWIG, A. O., assoc. psychiat. (*E.M.* 1932); r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
M. I. T., Cambridge
Luikart, R. H., *W.S.* 1917
107 S. 17th, Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester
Lund, I., a.r.p. *An.* 1947
Ulleval sykehus, avd. III, Oslo, Norway
Lunt, L. K., *W.M.* 1916
Wheatland, Wyo.
LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.
LURIE, M. H., s. *Otolar.* 483 Beacon
Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.

Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.
Lyons, C., *W.S.* 1933; r.s. 1936
620 S. 20th, Birmingham, Ala.
Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive, St. Louis, Mo.
Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med., Pittsburgh, Pa.
MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.
McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.
MacAusland, A. R., *W.S.* 1911
412 Beacon
McCandless, O. C., *C.M.* 1926
Marion, Kan.
McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch., Washington, D. C.
McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.
McCARTHY, P. L., a. *D.*
371 Commonwealth Ave.
McCartin, J. E., *Or.* 1912 877 Beacon
McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.
McClellan, R. R., *W.M.* 1918
200 Rogers, Xenia, Ohio
McClellan, W. S., *W.M.* 1925
Saratoga Spa, Saratoga Springs, N. Y.
McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane, Port Huron, Mich.
McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp., San Jose, Calif.
McCune, W. S., *W.S.* 1937
2025 Eye, N. W., Washington, D. C.
McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
902 Edmond, St. Joseph, Mo.
MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada
McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine
McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
2065 Adelbert Rd., Cleveland, Ohio
McDERMOTT, W. V., Jr., a. *S.* (*W.S.* 1943); r.s. 1951 M. G. H.
McDONALD, C. A., *Bd. of Cons.*
106 Waterman, Providence, R. I.
McDONALD, F. C., assoc. p. *C.M.*
39 Main, Concord
Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine
MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp., Richmond, Va.
McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.
McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio
McENEANEY, J. P., a. *Otolar.*
301 Essex, Lawrence
McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.
McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.
McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.
McINTIRE, F. J., Jr., a. *Otolar.*
63 N. Common, Lynn
McIntyre, Patricia A., *M.* M. G. H.
McIver, M. A., h.s. *E.S.* 1922
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull, Quebec, Canada
McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd., Los Angeles, Calif.
McKEIGUE, J. E., a.s. *Otolar.*
520 Commonwealth Ave.
McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.
McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester
MACKIE, R. W., a.r.s. *N.S.* M. G. H.
MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.
MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada
McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline
McKITTRICK, L. S., v.s. (*W.S.* 1919)
1180 Beacon, Brookline
MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
MacLAUGHLIN, C. H., a. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
MACMILLAN, A. S., Jr., r.p. *R.* M. G. H.

MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941 Southern Pines, N. C.
McNeil, D., *Or.* 1930 1339 44th, Sacramento, Calif.
Macomber, D., *S.S.* 1911 Tide River Farm, Brunswick, Maine
MACOMBER, J. R., *Trustee* and *President of the Corporation* 75 Federal
McPartland, C. E., r.s. *U.* 1927 29 S. Main, W. Hartford, Conn.
McPeak, C. N., r.p. *R.* 1929 18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949 85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944 Box 283, Great Neck, Long Island, N. Y.
Mahoney, S. A., *E.S.* 1926 630 Dwight, Holyoke
Maier, J., *E.M.* 1940 Rockefeller Foundation, New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943 103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949 Fitzsimons Gen. Hosp., Denver, Colo.
Malcolm, J. A., *S.* M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952 M. G. H.
Maloy, J. K., *E.S.* 1947 60 Decker Ave., Staten Island, N. Y.
MANCALL, I. T., a. *Oph.* 750 Main, Hartford, Conn.
Manly, I. V., *E.S.* 1947; a.r.s. 1952 North Carolina Memorial Hosp., Chapel Hill, N. C.
Mannick, J. A., *S.* M. G. H.
Manton, W. W., *S.S.* 1910 312 S. Holliston Ave., Pasadena, Calif.
Marble, A., r.p. *W.M.* 1930 81 Bay State Rd.
MARBLE, H. C., *Bd. of Cons.* (*W.S.* 1912) 270 Commonwealth Ave.
MARCUS, S. M., a. *U.* 520 Beacon
Mark, V. H., a.r.s. *N.S.* 1950 M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933 15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932 501 Delaware Ave., Wilmington, Del
Marshall, C. S., r.p. *N.* 1927 90½ Gottingen, Halifax, Nova Scotia, Canada
MARSHALL, CLARE K., r.p. *N.* M. G. H.
Martin, C. L., h.p. *R.* 1920 3501 Gaston Ave., Dallas, Tex.
Martin, James A., *W.S.* 1946; r.p. *R.* 1951 3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923 107 S. 17th, Omaha, Nebr.
MARTIN, S. F., a.s. *Oph.* 165 Bay State Rd.
Mason, E. D., *M.* 1946 174 Denslow Ave., W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921 151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938 341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934 1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928 9730 Wilshire Blvd., Los Angeles, Calif.
MATHIEU, T. J., r.s. *U.* M. G. H.
Mathis, W. H., Jr., r.p. *R.* 1948 107 E. North, Greenville, S. C.
MATOLTSY, A. G., res. assoc. *D.* M. G. H.
MATTOS, E. R., a.dir. M. G. H.
Maughs, S. B., a.r.p. *Psychiat.* 1938 3720 Washington, St. Louis, Mo.
MAY, G. E., a.obst. 101 Bay State Rd.
May, H. L., *S.* M. G. H.
Maynard, G. B., Jr., *W.S.* 1943 60 Eighth, New Bedford
MAYO, F. B., clin. assoc. *M.* (*E.M.* 1943); a.r.p. 1944 144 Beach Bluff Ave., Swampscott
Mead, S., *E.M.* 1940 and *Path.* 1941; a.r.p. *N.* 1942 600 S. Kingshighway Blvd., St. Louis, Mo.
Meader, C. N., *E.M.* 1912 519 Majestic Bldg., Denver, Colo.
MEANS, J. H., *Bd. of Cons.* (*E.M.* 1913) 60 Mount Vernon
Means, P. H., *E.M.* 1924 1 Waterhouse, Cambridge
MEATH, J. A., sc.res.a. (*McL.*); r.p. *N.* 1947 31 Pembroke Rd., Weston

MEENAN, MARGARET, adm. a. *O.P.D.* (*S.N.* 1930) M. G. H.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., c. *Gyn.* (*E.S.* 1921) M. G. H.
Meister, L., *C.M.* 1937
Vet. Adm. Hosp., Long Beach, Calif.
MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.
Mellinger, G. W., *M.* 1947
P. O. Box 524, Indianapolis, Ind.
MELTZER, P. E., s. *Otolar.*
20 Charlesgate West
Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp., Kingston, Ontario, Canada
Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.
Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.
MERRILL, O. E., e. *R.* M. G. H.
Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.
Mewburn, F. H. H., *Or.* 1923
416 McLeod Bldg., Edmonton, Alberta, Canada
Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.
Michel, A. J. D., a.r.p. *An.* 1950
c/o Mlle. Balpètrè, 60 rue Auguste Comte, Lyon, France
MICHELSEN, J. J., clin. assoc. *N.S.;* a.r.s. *N.S.* 1938 412 Beacon
Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.
Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944 New York Univ., New York, N. Y.
Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.
Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
Surry, Maine
MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
1265 Beacon, Brookline
MILLER, D., a.s. *Otolar.*
403 Commonwealth Ave.
Miller, E. C., *E.M.* 1926
27 Elm, Worcester
Miller, J. G., *E.M.* 1943; r.p. *Psychiat.* 1944
Univ. of Chicago, Chicago, Ill.
MILLER, L. C., Jr., a. psychol. M. G. H.
Miller, M. L., *E.M.* 1932
337 S. Beverly Dr., Beverly Hills, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
Slocum-Dickson Clinic, Utica, N. Y.
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd., Los Angeles, Calif.
MINER, L. M. S., *Bd. of Cons.*
363 Marlborough
MINER, R. L., a.dn.s.
363 Marlborough
MING, SI-CHUN, a.r.p. *Path.* M. G. H.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MIXTER, W. J., *Bd. of Cons.;* cons. s. (*McL.*) (*S.S.* 1907)
319 Longwood Ave.
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONKS, J. P., a.p. (*W.M.* 1931)
13 Holyoke, Cambridge
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
Moore, B. E., r.p. *Psychiat.* 1942
1148 Fifth Ave., New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, G. A., *W.S.* 1911
167 Newbury, Brockton
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* M. G. H.
Moore, S., h.p. *R.* 1917
510 S. Kingshighway Blvd., **St. Louis, Mo.**
Moorman, H. D., Jr., *W.S.* 1943; a.r.s. 1949 431 Thirtieth, Oakland, Calif.
MORA, F., a.r.s. (*M.* 1951) M. G. H.

Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
MORGAN, WILLIAM L., Jr., a.r.p. (*M.* 1953) M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951 1 Poplar Pl.
Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947 Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
520 Commonwealth Ave.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939 370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936 230 N. Fifth, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912 Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.
Mosher, Harris P., *E.S.* 1897
127 Front, Marblehead
MOSHER, HENRY A., a.s. *Oph.*
71 Bay State Rd.
Mote, J. R., *W.M.* 1937
Armour Laboratories,
Chicago, Ill.
Mudd, Seeley G., *W.M.* 1926
523 W. Sixth, Los Angeles, Calif.
Mudd, Stuart H., *M.* M. G. H.
MUELLER, H. PETER, clin. assoc. *R.* M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Mosher Lab.*
Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947
144 Golden Hill, Bridgeport, Conn.
MÜLLER, A. F., a.r.p. M. G. H.
Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.
MURPHY, G. B., Jr., a.r.s. (*S.* 1952) M. G. H.
MURPHY, H. J., a. dir. M. G. H.
Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937
Delaware State Hosp.,
Farnhurst, Del.
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Myers, E. E., *Or.* 1933
271 W. Short, Lexington, Ky.
MYERS, G. S., a.p. (*W.M.* 1942); c.r.p. 1943 M. G. H.
NARDI, G. L., a. *S.* (*E.S.* 1945); r.s. 1951 M. G. H.
NATHAN, L., a. *Or.* (*Or.* 1930)
475 Commonwealth Ave.
NATHANSON, I. T., assoc. v.s. M. G. H.
Nelson, C., *E.S.* 1939 490 Post,
San Francisco, Calif.
NELSON, R. M., a.r.s. M. G. H.
Nelson, W. M., *E.M.* 1920
1305 Fourth Ave., Seattle, Wash.
NEMIAH, J. C., a. *Psychiat.*; a.r.p. *Psychiat.* 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., exec. o. M. G. H.
Newburgh, L. H., *W.M.* 1909
University Hosp., Ann Arbor, Mich.
Newell, James W., *W.S.*, 1943; j.r.s. 1944 29 Glen Alpine Rd.,
Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn
Newman, E. V., *C.M.* 1941
Johns Hopkins Hosp.,
Baltimore, Md.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd.,
Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
Pennsylvania Hosp.,
Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park,
Manhasset, Long Island, N. Y.
NIELSEN, T. W., a.r.s. (*S.* 1949) M. G. H.
Nilges, R. G., r.s. *N.S.* 1951
700 N. Michigan Ave.,
Chicago, Ill.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
Norbury, F. B., *M.* 1949
Barnes Hosp., St. Louis, Mo.

Norcross, J. W., *E.M.* 1937
29 Nod Hill Rd.,
Newton Highlands

Normann, N., a.r.p. *An.* 1951
M. G. H.

NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934
1101 Beacon, Brookline

NOSS, G. M., a.dn.s.
31 Bay State Rd.

NOVELLI, G. D., assoc. biochem. *Res. Chem.* M. G. H.

O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon

O'Brien, R. M., *Or.* 1941
4161 Lindell Blvd., St. Louis, Mo.

O'Connor, D. S., *Or.* 1925
Yale Univ. Med. Sch.,
New Haven, Conn.

O'CONNOR, H., a.r.s. *Or.*
M. G. H.

ODLAND, G. F., a.r.p. *D.* (*M.* 1947)
M. G. H.

OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.

Ogden, R. T., *C.M.* 1925
179 Allyn, Hartford, Conn.

OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.

O'KEEFE, E. S., *Bd. of Cons.*
31 Broad, Lynn

O'Keeffe, A. F., a.r.s. 1951
410 South, Needham

OLIVER, E. L., hon. p. (*D.* 1907)
3941 Belle Vista Dr.,
Belle Vista Beach,
St. Petersburg, Fla.

Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.

ORGANICK, A. B., a.r.p. (*M.* 1952)
M. G. H.

Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington, D. C.

Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.

Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.

OSGOOD, R. B., hon. s. (*W.S.* 1900)
38 Chestnut

O'SHEA, J. A., clin. assoc. *C.M.*; a.r.p. *C.M.* 1950
10 Amesbury,
Lawrence

Osius, E. A., *W.M.* 1923
901 David Whitney Bldg.,
Detroit, Mich.

Ottenheimer, E. J., *E.S.* 1924
29 North, Willimantic, Conn.

Owen, W. R., *M.* 1950; r.p. 1952
M. G. H.

Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave.,
Oakland, Calif.

PACKARD, F. H., supt. emeritus (*McL.*)
25 Gregory, Marblehead

Packard, G. B., *E.S.* 1916; h.s. *E.S.* 1917
227 16th, Denver, Colo.

Page, L. B., *M.* 1950
323 Main, W. Newbury

PAINE, T. F., Jr., c. *B.* and a.p.
M. G. H.

Palfrey, F. W., *W.M.* 1903
270 Commonwealth Ave.

PALMER, R. S., p. (*W.M.* 1927)
330 Dartmouth

Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.

Parker, G. D., *Dn.* 1939
147 Congress, Portsmouth, N. H.

Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills

Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine

Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly

Parmenter, D. C., *E.M.* 1918
Dyer County Health Dept.,
Dyersburg, Tenn.

Parnall, E., *Or.* 1932
702 E. Central Ave.,
Albuquerque, N. M.

Parson, W., c.r.p. 1942
Univ. of Virginia, University, Va.

Parsons, J. P., h.p. *C.M.* 1921
808 Grand Marais Blvd.,
Grosse Point Park, Mich.

PARSONS, L., *Bd. of Cons.* (*W.S.* 1929)
203 Commonwealth Ave.

Patterson, H. E., a.r.p. *C.M.* 1952
1111 W. Yakima Ave.,
Yakima, Wash.

Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.

Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920
63 E. 91st, New York, N. Y.

Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave.,
Madison, Wis.

Paul, O., *W.M.* 1943
122 S. Michigan Ave.,
Chicago, Ill.

Peabody, C. W., *E.S.* 1917 and *Or.* 1920
474 Fisher Bldg.,
Detroit, Mich.

Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.

Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill, Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948
605 Commonwealth Ave.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942
Memorial Hosp., New York, N. Y.
Pechet, M. M., a.r.p. 1952 M. G. H.
PEEBLES, T. C., a.r.p. *C.M.* (*C.M.* 1952) M. G. H.
PEETE, W. P. J., r.s. (*S.* 1948) M. G. H.
Peirson, E. L., *W.S.* 1927; r.s. *U.* 1928
374 Essex, Salem
Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah
Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.
Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.
Perley, A. I., r.p. *D.* 1948
2030 Eleventh Ave., South, Birmingham, Ala.
PERLO, V. P., a. *N.* M. G. H.
PERRIN, G. M., a.r.p. *C.M.* (*C.M.* 1953) M. G. H.
Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland
Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Hosp., Durham, N. C.
Peters, J. H., *W.M.* 1943
Children's Hosp., Pittsburgh, Pa.
PETERSEN, J. A., a.r.p. *R.* M. G. H.
Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.
Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester
Petranek, J. R., *M.* M. G. H.
Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.
Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
40 President Ave., Providence, R. I.
Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem
PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947
42 Fox, Fitchburg
Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.
PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon
Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.
Pierce, F. D., r.p. *W.M.* 1931
Fort Lauderdale, Fla.
PIERCE, IRENE R., psychol. (*McL.*)
McLean Hosp., Waverley
Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.
Pillsbury, P. I., *W.M.* 1942
Ross, Calif.
Pinckney, M. M., *W.M.* 1932
311 Med. Arts Bldg., Richmond, Va.
PIPPITT, R. B., a. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
99 Bay State Rd.
Pitkin, H. C., *Or.* 1926
909 Hyde, San Francisco, Calif.
PITTMAN, HELEN S., assoc. p.
264 Beacon
PITTMAN, J. A., Jr., a.r.p. (*M.* 1953) M. G. H.
PITTS, J. D., a.r.s. (*S.* 1950) M. G. H.
Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio
PLACE, E. H., cons. *Contag. Dis.*
Boston City Hosp.
Pohl, J. F., *Or.* 1934
78 S. Ninth, Minneapolis, Minn.
POINT, W.W., a. *M.*
330 Dartmouth
POLANSKY, S. C., a.dn.s.
60 Washington, Salem
Polderman, H., *An.* 1941
Waverly Hills Sanatorium, Waverly Hills, Ky.
POLLEN, A., a.s. *Oph.* 636 Beacon
POPE, A., sc. res. assoc. *N.P.* (*McL.*)
Longwood Towers
PORTER, H., a. *N.*; sc. res. a. (*McL.*); r. p. *N.* 1946
McLean Hosp., Waverley
POULIN, F. K., a.dn.s. (*Dn.* 1942)
196 Marlborough
Powell, S. M., Jr., a.r.p. *C.M.* 1947
2021 Austin Ave., Waco, Tex.
Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline
Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline
Prindle, K. H., *N.* 1926 and *W.S.* 1928
23 Second Ave., San Mateo, Calif.
Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937
743 High, Dedham
Putnam, J. J., *C.M.* 1920
28 School, Foxboro

Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr., Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.
QUARTON, G. C., a. *Psychiat.;* r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950 M. G. H.
QUINBY, J. T., a. *M.* (*E.M.* 1941) 264 Beacon
QUINBY, W. C., Jr., a. *S.;* r.s. 1950 264 Beacon
Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.
RACKEMANN, F. M., *Bd. of Cons.* (*E.M.* 1914) 263 Beacon
Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst
Radebaugh, J. F., Jr., *C.M.* M. G. H.
RAE, R. G., dn.s.
145 W. Elm, Brockton
Ragland, S., Jr., *M.* 1951; a.r.p. 1952 M. G. H.
RAGLE, B. H., *Bd. of Cons.* (*E.M.* 1917) 226 Marlborough
RAK, I. P., a. *Psychiat.* 422 Beacon
RAKER, J. W., a. *S.* (*E.S.* 1942); r.s. 1949 M. G. H.
Ramcharan, Savitri, *C.M.* M. G. H.
Randall, R. V., *M.* 1946
Mayo Clinic, Rochester, Minn.
Rappleye, W. C., *W.M.* 1919
630 W. 168th, New York, N. Y.
Rasmussen, H., *M.* M. G. H.
Ratcliffe, J. W., *W.S.* 1946
2243 E. 26th, Tulsa, Okla.
Rauh, A. E., *C.M.* 1936 Lyons, N. Y.
Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.
Reardan, J. B., *C.M.* M. G. H.
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough
Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.
REED, G. F., a. *Otolar.*
Mass. E. & E. Inf.
Reeves, J. D., Jr., r.p. *R.* 1951
Lab. of Biophysics, National Cancer Inst., Bethesda, Md.
Reeves, R. J., r.p. *R.* 1926
Duke Hosp., Durham, N. C.
REGGIO, A. W., *Bd. of Cons.* (*W.S.* 1914) School, Medfield
Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.
REIDY, J. A., a.s. *Or.* (*Or.* 1939)
1101 Beacon, Brookline
Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., a.dn.s.
370 Commonwealth Ave.
Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield
REZNICK, L., r.p. *D.* M. G. H.
Rhinelander, F. W., II, *E.S.* 1937 and *Or.* 1938
1717 Fifth, San Rafael, Calif.
RHODES, F. I., a.dn.s.
1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.
Rice, A. H., *E.S.* 1905
901 5th Ave., New York, N. Y.
Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.
Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnell Rd., Berkeley, Calif.
RICHARDSON, E. P., Jr., a.n. and a.n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.
RICHARDSON, G. S., a.r.s. (*W.S.* 1947) M. G. H.
RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.
Richardson, William R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd., Birmingham, Ala.
Riddell, R. V., *E.S.* 1943 and *Path.* 1947 Mayo Clinic, Rochester, Minn.
Riege, D. H., *C.M.* 1947
1711-15 Roosevelt Ave., San Antonio, Tex.
RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.
Riley, A., *S.S.* 1909
59 Bay State Rd.
Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine
Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly
RITCHIE, A. C., a.r.p. *Path.* M. G. H.
ROBBINS, L. L., c. *R.;* r.p. *R.* 1941 M. G. H.
Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave., Englewood, N. J.
Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.

Robertson, O. H., *W.M.* 1914
Univ. of Chicago, Chicago, Ill.
Robey, J. S., *C.M.* M. G. H.
Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Med. Sch.,
St. Louis, Mo.
Robinson, Carl M., *W.S.* 1913
31 Deering, Portland, Maine
ROBINSON, CHARLES V., a. *Res. Biophys.* New Eng. Center Hosp.
Robinson, J. M., r.p. *R.* 1936
Univ. of California Hosp.,
San Francisco, Calif.
ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
32 Cumberland Ave., Brookline
Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg.,
Portland, Oreg.
ROCKWOOD, ETHEL M., *Bd. of Cons.* 416 Marlborough
Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg.,
Minneapolis, Minn.
RODKEY, G. V., a. *S.* (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon
Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.
Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton
ROGERS, H., v.s. (*E.S.* 1925)
264 Beacon
Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
109 College, New Haven, Conn.
ROGERS, W. A., *Bd. of Cons.* (*Or.* 1924) 266 Beacon
ROMBERG, E. C., assoc. p. *C.M.;* h.p. *C.M.* 1922 68 Bay State Rd.
ROOPENIAN, A., a.s. *Otolar.*
475 Commonwealth Ave.
Roots, L. H., *W.S.* 1933
Hua Chung College, Hsichow, China
ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.
Rosales, Remedios K., r.p. *N.P.* 1952 M. G. H.
Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Sch. of Med.,
Univ. of California,
Los Angeles, Calif.
ROSEN, R. B., a.r.p. *C.M.* (*C.M.* 1953) M. G. H.
Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Rosenkrantz, J. G., *S.* M. G. H.
Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
450 Sutter, San Francisco, Calif.
ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge
Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.
Roth, J. d'A., *M.* 1945
Regional Hosp.,
SHAAF, Salvia, Kan.
Rothberg, H. D., Jr., *M.* M. G. H.
ROUILLARD, F., a. obst.
319 Longwood Ave.
ROUNDS, C. E., a.dn.s. (*Dn.* 1947)
403 Commonwealth Ave.
ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.
ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon
ROWE, J. C., a.r.p. (*M.* 1952)
M. G. H.
Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.
RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.
Rubinstein, J. H., *C.M.* M. G. H.
Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.
Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.
Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.
RUNGE, P. M., a. *Oph.*
140 Marlborough
Rupp, J. J., a.r.p. *An.* 1947
Tucson Med. Centre,
Tucson, Ariz.
Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.
RUSSELL, P. S., Jr., a.r.s. (*S.* 1949) M. G. H.
Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.
Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave.,
Newton Centre
RUTLEDGE, R. H., a.r.s. (*S.* 1950) M. G. H.
RUTSTEIN, D. D., assoc. p.
H. M. S.
Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.
Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.
Ryan, J. P., *Dn.* M. G. H.
RYAN, K. J., a.r.p. (*M.* 1953)
M. G. H.

RYAN, MILDRED L., a.d.
57 W. Elm, Brockton
Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.
SACHS, B., s. *Oph.* 636 Beacon
Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
St. AUBIN, P. M. G., r.p. *R.* (*M.* 1948) M. G. H.
St. Goar, W. T., *M.* 1950; r.p. 1952 H. M. S.
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia
Saltus, L. S., *C.M.* 1938
16 Elm, Morristown, N. J.
Salzman, E. W., *S.* M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
Episcopal Hosp., Philadelphia, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
Sanchez, G. C., *M.* 1950; a.r.p. 1951
Mass. Memorial Hosp.
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave., Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Yale Psychiat. Clinic, New Haven, Conn.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
Saslow, G., r.p. *Psychiat.* 1943
Washington Univ. Sch. of Med., St. Louis, Mo.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., a.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., c.r.p. *C.M.* (*C.M.* 1951) M. G. H.
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.
SCHALL, L. A., c. *Otolar.*
Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a. *Oph.*
Mass. E. & E. Inf.
SCHMID, K., a. biochem. *M.*
M. G. H.
SCHMITT, F. O., *Trustee*
M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
SCHOEN, E. J., a.r.p. *C.M.*
M. G. H.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center
SCHWAB, R. S., n.; r.p. *N.* 1935 M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med., Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
Bellevue Hosp., New York, N. Y.
Scott, A. C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.* M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W., Canton, Ohio
Scott, T., r.p. 1939
200 W. Second, Lexington, Ky.
SCULLY, R. E., a. path. M. G. H.
Seabury, R. B., *W.S.* 1918
315 Whitney Ave., New Haven, Conn.
SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.

Sears, J. B., *W.S.* 1929
416 Marlborough
Seed, J. C., *M.* 1946
923 N. Elmwood Ave.,
Oak Park, Ill.
Seelye, R. H., *E.S.* 1891
The Stonehaven, Springfield
Seelye, W. C., *W.S.* 1900
390 Main, Worcester
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.
SELVERSTONE, B., clin. assoc. *N.S.;* r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938
196 Trapelo Rd., Belmont
SENECAL, A. L., a. *Otolar.*
1 Monument Sq., Beverly
Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
University Coll. Hosp. Med. Sch., London W. C., England
SEWALL, W. F., a. obst.
466 Commonwealth Ave.
SEYFARTH, H. B. F., a.dn.s.
464 Beacon
SHAFFER, F. G., a.r.s. (*S.* 1952)
M. G. H.
Shaffer, H. A., a.r.p. *R.* 1932
244 Lebanon Ave., Hopecrest,
Morgantown, W. Va.
SHANDS, H. C., a. *Psychiat.*
51 Brattle, Cambridge
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South,
St. Catharines, Ontario, Canada
SHANNON, JAMES M., a.r.s. (*S.* 1948)
M. G. H.
Shannon, P. W., *Or.* 1934
1927 First Ave., North,
Birmingham, Ala.
SHARPE, J. D., assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Waverley
SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906)
H. M. S.
Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.
Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.
Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937
899 Madison Ave.,
Memphis, Tenn.
SHAW, R. S., a. *S.* and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952
M. G. H.
Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline
Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.
SHELDON, C. P., assoc. obst. (*E.S.* 1931)
319 Longwood Ave.
SHELDON, D. B., a.r.s. (*S.* 1951)
M. G. H.
SHELDON, R. F., *Bd. of Cons.* (*E.S.* 1912)
31 Pinckney
SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934)
M. G. H.
Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.
Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill
Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.
Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton
SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
Sch. of Med., Dept. of Surg.,
American Univ. of Beirut,
Beirut, Lebanon, Syria
SHORT, C. L., assoc. p. (*W.M.* 1930); c.r.p. 1933
264 Beacon
SHRIBER, W. J., a. *M.* and a. *Phys. M.*
Beth Israel Hosp.
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
SIFNEOS, P. E., a. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1952
M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.
SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland City Hosp.,
Cleveland, Ohio
SIMMONS, C. C., hon.s. (*E.S.* 1900)
539 Hammond, Chestnut Hill
SIMMONS, F. A., a.s. (*W.S.* 1935)
330 Dartmouth
Simon, R. L., *Or.* 1932
620 W. Fourth, Williamsport, Pa.
Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.
SINGH, M. M., a.r.p. (*M.* 1952)
M. G. H.
SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921)
1101 Beacon, Brookline
SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912)
319 Longwood Ave.
Skinner, A. L., Jr., *C.M.*
M. G. H.
Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston

Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.
SLEEPER, E. L., a.dn.s.
25 Bay State Rd.
SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., clin. assoc. *C.M.* 400 Commercial, E. Braintree
SLOANE, A. E., a.s. *Oph.*
416 Marlborough
SLOANE, R. B., r.p. *Psychiat.* M. G. H.
Smillie, J. W., *E.S.* 1944; j.r.s. 1945
Univ. of Minnesota Hosp., Minneapolis, Minn.
SMITH, CLEMENT A., p. *C.M.*
221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934
339 N. Duke, Lancaster, Pa.
Smith, Edward T., *Or.* 1937
6410 Fannin, Houston, Tex.
SMITH, G. G., *Bd. of Cons.* (*W.S.* 1909) 1101 Beacon, Brookline
Smith, Hervey L., *W.M.* 1907
235 Queens Lane, Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.
SMITH, J. A., obst.
1180 Beacon, Brookline
Smith, Lemuel D., *Or.* 1923
2454 W. Kilbourn Ave., Milwaukee, Wis.
Smith, Lloyd H., Jr., *M.* 1949; a.r.p. 1950 Winthrop House, Harvard Univ., Cambridge
SMITH, M. L., a.r.p. *An.* M. G. H.
Smith, Richard M., *W.M.* 1909
330 Dartmouth
Smith, Robert P., *M.* 1943
195 S. Union, Burlington, Vt.
SMITH, T. R., a. *Oph.*
Mass. E. & E. Inf.
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough
SMITH-PETERSEN, MARIUS N., *Bd. of Cons.* (*Or.* 1916)
266 Beacon
Smith-Petersen, Morten, sr.r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.
SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester
Snyder, J. C., *W.M.* 1939
Dept. of Public Health, 695 Huntington Ave.
Snyder, Monica H., r.p. *An.* 1935
10879 Whipple, N. Hollywood, Calif.
Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.
SOBER, S. A., a.r.s. *Or.* M. G. H.
Sohier, W. D., Jr., *M.* 1947; r.p. 1951 M. G. H.
Soholt, S. T., sr.r.s. *Or.* 1951
115 Duane, Redwood City, Calif.
SOLOMON, H. C., *Bd. of Cons.*; cons. psychiat. (*McL.*)
Boston Psychopathic Hosp.
Solomon, J., r.p. *N.* 1944
2331 W. Third, Los Angeles, Calif.
SOODAK, M., a. biochem. *M.* M. G. H.
Sosman, J. L., a.r.p. *R.* 1952
Children's Med. Center
Soule, A. B., Jr., a.r.p. *R.* 1932
Mary Fletcher Hosp., Burlington, Vt.
SOUTTER, L., clin. assoc. *S.*; a.r.s. 1941 203 Commonwealth Ave.
SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918
Cumberland Centre, Maine
Spalding, R., *E.M.* 1902
Longwood Towers, Brookline
SPANGLER, A. S., a. *D.*; r.p. *D.* 1945 330 Dartmouth
Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave., Portland, Oreg.
Spear, L. M., *E.M.* 1906
483 Beacon
SPEARE, G. S., clin. assoc. *S.* (*W.S.* 1927) 353 Commonwealth Ave.
SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline
Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak, Dallas, Tex.
Spencer, Jack, r.p. *R.* 1934
31 Deering, Portland, Maine
Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp., Greensboro, N. C.

Spiers, H. W., *Or.* 1920
4405 W. Ninth, N. Hollywood, Calif.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* M. G. H.

SPRAGUE, H. B., p. (*E.M.* 1924) 1180 Beacon, Brookline

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse, Syracuse, N. Y.

SRERE, P. A., a. biochem. *Res. Chem.* M. G. H.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

STANBURY, J. B., a.p. (*W.M.* 1941); c.r.p. 1948 M. G. H.

STANTON, J. C., dn.s.
38 Maple, Danvers

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.

STAUFFER, RUTH E., a. *N.*; r.p. *N.* 1949 M. G. H.

Stearns, T., *E.S.* 1913 and *Or.* 1914
318 S. Harrison, E. Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem

Steel, D., r.p. *R.* 1925
7911 Detroit Ave., Cleveland, Ohio

Steele, B. W., Jr., a.r.s. 1952
108 Plymouth Rd., Needham

Steenburg, D. B., *E.S.* 1915
Aurora, Nebr.

Steenburg, E. K., *E.S.* 1919
Aurora, Nebr.

Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg., St. Louis, Mo.

Stern, N. S., *E.M.* 1917
899 Madison Ave., Memphis, Tenn.

STERNSTEIN, H. J., a.s. *Otolar.*
416 Marlborough

STETSON, J. B., a.r.p. *An.* M. G . H.

Stetson, R. P., *W.M.* 1928
311 Beacon

Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford

Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge

Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.

Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.

Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.

Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.

Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.

Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly

Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.

Stiff, D. W. S., r.p. *R.* 1950
Williston, Vt.

Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine

Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave., Wilmington, Del.

Stoeckle, J. D., *M.* 1949; r.p. 1951
Res. and Develop. Bd., Dept. of Defense, Pentagon, Washington, D. C.

Stokes, J., Jr., *W.M.* 1921
Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.

STOKES, J., III, r.p. M. G. H.

STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline

STONE, BERNARD B., a.r.s. *N.S.* M. G. H.

STONE, W., Jr., a. *Oph.*
1101 Beacon, Brookline

Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.

Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave., N. Hollywood, Calif.

STOVNER, J., a.r.p. *An.* M. G. H.

STRAEHLEY, C. J., Jr., a.r.s. (*W.S.* 1947) M. G. H.

Strauss, A. E., *E.M.* 1916
539 N. Grand Ave., St. Louis, Mo.

Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.

Stunkard, A. J., *M.* 1946
Johns Hopkins Hosp., Baltimore, Md.

Sturdevant, C. L., *Or.* 1939
234 Marlborough

STURGIS, G. P., a.p.
1101 Beacon, Brookline

Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.

SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon

Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg., Grand Rapids, Mich.

SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline

Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton

SULLIVAN, G. L., a.s. *Oph.*
101 Bay State Rd.

Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave., New York, N. Y.

Sussman, M. L., r.p. *R.* 1930
801 N. Second Ave., Phoenix, Ariz.

Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene, 2218 N. Charles, Baltimore, Md.

Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 923 W. Franklin, Richmond, Va.

Sutter, L. A., *D.* 1913
104 W. Douglas Ave., Wichita, Kan.

SUYAMA, E., a.r.s. (*S.* 1951)
M. G. H.

SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.

Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell

SWAN, CHANNING S., a. *U.* (*W.S.* 1925) 20 Gloucester

Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester

SWARTZ, J. H., *Bd. of Cons.*
422 Beacon

SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn

SWARTZ, MORTON N., c.r.p. (*M.* 1948) M. G. H.

Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic, Detroit, Mich.

Sweet, C. D., *C.M.* 1913
2940 Summit, Oakland, Calif.

SWEET, E. B., a.r.s. *Or.* M. G. H.

Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950 45 Chambers

SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 205 Beacon

Sweet, Robert B., a.r.p. *An.* 1950
Strong Memorial Hosp., Rochester, N. Y.

SWEET, W. H., assoc.v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.

SWEETNAM, G. H., a.dn.s. (*Dn.* 1937) 743 High, Dedham

SWEETSER, E. H., clin. assoc. *Psychiat.* 23 Bay State Rd.

Swineford, O., Jr., *W.M.* 1927
Univ. of Virginia Hosp., Charlottesville, Va.

Sycamore, L. K., a.r.p. *R.* 1929
Hanover, N. H.

Tabor, Celia White, *M.* 1945
3130 Wisconsin Ave., N. W., Washington, D. C.

TAFT, E. B., a. path. M. G. H.

Talalay, P., *S.* 1949; a.r.s. 1950
Univ. of Chicago, Chicago, Ill.

TALBERT, R., r.p. *N.* M. G. H.

TALBOT, F. B., hon. p. (*E.M.* 1907)
100 Cottage Farm Rd., Brookline

TALBOT, N. B., p. *C.M.* M. G. H.

Talin, J. J., *Or.* 1943
39 Second, Troy, N. Y.

TALKOV, R. H., a. *M.*
375 Commonwealth Ave.

TALLON, J. B., a.r.p. *R.*
M. G. H.

Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939
1010 Prince Ave., Athens, Ga.

T'an, Chung-Chang, *Or.* 1943
Children's Hosp., New York, N. Y.

TANNER, J. B., sr.r.s. *Or.*
M. G. H.

Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 333½ W. Main, Ionia, Mich.

Tatlock, H., *W.M.* 1940
26 Center, Northampton

TAYLOR, G. W., v.s. (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925
264 Beacon

Taylor, I. M., *M.* 1946; c.r.p. 1951
Dept. of Med., Univ. of North Carolina, Chapel Hill, N. C.

Taylor, J. H., *E.M.* 1917
37 Marlborough

Teel, C. E., *W.S.* 1925
1155 State, Bellingham, Wash.

TEFFT, R. C., Jr., assoc. p. *C.M.* 266 Beacon
TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943 611 W. 114th, New York, N. Y.
TETIRICK, J. E., a.r.s. (*S.* 1952) M. G. H.
Thacher, H. C., *C.M.* 1942 34 Court, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave., Bronxville, N. Y.
Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine
Theus, W. W., *Dn.* 1952 1019 Pickens, Columbia, S. C.
THOMA, K. H., *Bd. of Cons.* 1180 Beacon, Brookline
Thomas, H. M., Jr., *W.M.* 1917 314 Overhill, Baltimore, Md.
THOMAS, JACKSON M., clin. assoc. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.
THOMAS, JOHN B., a.r.p. (*M.* 1953) M. G. H.
Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 Franklin Bldg., Oakland, Calif.
Thomas, W. A., a.r.p. *Path.* 1951 M. G. H.
Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948 Mass. Memorial Hosp.
Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 Brooke Army Hosp., Fort Sam Houston, Tex.
Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 7 Ship Channel Rd., S. Portland, Maine
THOMPSON, RALPH D., a.dn.s. 64 Columbus, Newton Highlands
THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940 26 Chestnut, Salem
Thompson, S. B., a.r.s. *Or.* 1947 Kernan Hosp. for Crippled Children, Baltimore, Md.
Thompson, V. P., *Or.* 1925 1136 W. Sixth, Los Angeles, Calif.
Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931 Rockland State Hosp., Orangeburg, N. Y.
Thompson, William T., a.r.p. 1941 1000 W. Grace, Richmond, Va.
THORNDIKE, A., cons. *Traum. S.* (*W.S.* 1923) 319 Longwood
Thorndike, W. T. S., *W.S.* 1919 Germantown Hosp., Philadelphia, Pa.
Thorp, E. G., *E.M.* 1931 Malden Hosp., Malden
Tileston, W., *E.M.* 1900 442 Temple, New Haven, Conn.
TILLEY, R. F., a. *D.* 1180 Beacon, Brookline
TIMBERLAKE, W. H., a. *N.;* r.p. *N.* 1949 20 Gloucester
TISDALE, W. A., a.r.p. (*M.* 1952) M. G. H.
Tobin, W. J., *Or.* 1939 1835 Eye, N.W., Washington, D.C.
Todd, B. P., *W.M.* 1938 1 Monument Sq., Beverly
TODD, D. P., a.an.; r.p. *An.* 1947 M. G. H.
TOLL, G. D., a.r.s. (*S.* 1952) M. G. H.
TOLMAN, M. M., d. 636 Beacon
TOMCHIK, F. S., a.r.p. *R.* M. G. H.
Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937 Valleyhead, Concord
Toppan, R. L., *S.S.* 1910 148 High, Newburyport
TORBERT, J. R., hon. s. (*E.S.* 1902) 27 Upland Rd., Brookline
Towery, B. T., r.p. 1946 Vanderbilt Univ., Nashville, Tenn.
TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923) Vet. Adm. Hosp., White River Junction, Vt.
Tracy, R. J., *E.S.* 1943; a.r.s. 1949 18 Bank Row, Pittsfield
TRAKAS, J. C., a. *Otolar.* 1269 Beacon, Brookline
Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.
Traver, C. A., *W.S.* 1927 28 Willett, Albany, N. Y.
Traver, R. F., *E.S.* 1930 Vet. Adm. Hosp., Bath, N. Y.
Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Manchester, Manchester, England
Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.
Tripp, C. C., *W.S.* 1923 416 County, New Bedford
Troppoli, D. V., *N.* 1927 380 Broadway, Providence, R. I.
Trowbridge, E. H., Jr., a.r.p. *N.* 1940 1102 Grand Ave., Kansas City, Mo.
Troxler, E. R., *Or.* 1942 703 Avenel Ave., Roanoke, Va.

TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge
Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton
Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.
Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.
Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.
TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton
TURTLE, W. J., assoc. p. *C.M.*
1180 Beacon, Brookline
TUTTLE, E. P., a.r.p. (*M.* 1952)
M. G. H.
Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.
Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.
ULFELDER, H., a.s. (*E.S.* 1939); r.s. *E.S.* 1941 264 Beacon
Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.
Ulmer, J. L., r.s. *N.S.* 1942
9112 Rose, Battle Creek, Mich.
Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.
Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930 Williams College, Williamstown
Uyeda, I., *C.M.* 1950; a.r.p. *C.M.* 1951
2534 N. Burling, Chicago, Ill.
Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn
VANCE, R. G., clin. assoc. *R.*; r.p. *R.* 1924 262 Beacon
VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton
VAN GORDER, G. W., *Bd. of Cons.*
262 Beacon
Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston
van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.
Van Stone, L. M., *D.* 1916 and *W.M.* 1917
1578 Humboldt, Denver, Colo.
Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.
Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.
Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham
Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave., New Haven, Conn.
Veldee, M. V., *E.M.* 1920
Hyland Labs., Los Angeles, Calif.
VERHOEFF, F. H., cons. c. *Oph.*
395 Commonwealth Ave.
Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.
VICKERY, A. L., Jr., a. path.
M. G. H.
VICTOR, M., a.n. M. G. H.
VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline
VINCENT, B., hon. s. (*W.S.* 1903)
925 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
105 W. 13th, Hays, Kan.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med., Seattle, Wash.
von FELSINGER, J. M., assoc. psychol. *An.* M. G. H.
von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918 Box 3536, Daytona Beach, Fla.
Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton
WADDELL, W. R., a. *S.* (*W.S.* 1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., a.dn.s.
301 Essex, Lawrence
WAKSMAN, B. H., assoc. b. *N.*
M. G. H.
Waldman, J., a.r.s. *Or.* 1949
Billings Gen. Hosp., Univ. of Chicago, Chicago, Ill.
Waldron, A. M., *E.M.* 1938; a.r.p. 1939
324 S. State, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, A. M., *E.M.* 1925
Dept. of Med. and Surg., Vet. Adm., Washington, D. C.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
WALKER, R. H., a.r.s.; a.r.p. *Path.* 1951 M. G. H.
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
WALLACE, R. H., clin. assoc. *S.* (*W.S.* 1929); r.s. *E.S.* 1931
264 Beacon
Wallwork, D. W., *E.S.* 1932
5 Third, N. Andover

Walser, M., *M.* 1949; a.r.p. 1950
Oenoke Ave., New Canaan, Conn.
Walton, R. W., *W.S.* 1926
102 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg., Hong Kong, China
Wang, Chiu-chen, r.p. *R.* 1952 M. G. H.
WANG, YANG, a.r.p. (*M.* 1953) M. G. H.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., assoc.v.s. (*W.S.* 1936)
1180 Beacon, Brookline
Warren, S. L., *W.M.* 1924
Med. Sch. of the Univ. of California South, Los Angeles, Calif.
WARTHIN, T. A., a.p.
Vet. Adm. Hosp., W. Roxbury
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
177 Dowling Ave., Toronto, Canada
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., a.r.p. *C.M.* (*C.M.* 1952) M. G. H.
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave., Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W., Washington, D. C.
Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine
WEBSTER, R. C., Jr., clin. assoc. *S.* (*E.S.* 1943); j.r.s. 1944
1101 Beacon, Brookline
WEDROW, E. M., r.p. *Psychiat.* M. G. H.
Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.
WEIL, W. B., a.r.p. *Path.* M. G. H.
Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg., Wheeling, W. Va.
WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.
WEINBERGER, J. L., a. *Psychiat.*
51 Brattle, Cambridge
WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton
Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd., Cleveland Heights, Ohio
WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.
WEISMAN, A. D., a. psychiat.; r.p. *Psychiat.* 1945 464 Beacon
WEISS, RUTH S., a.r.p. *Psychiat.* M. G. H.
WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 266 Beacon
WELD, G. S., *Asst. Treasurer of the Corporation* 45 Milk
Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.
Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little Neck, Long Island, N. Y.
Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.
WESSELHOEFT, C., cons. *M.*
315 Marlborough
WEST, F. J., a. *Oph.*
1101 Beacon, Brookline
WEST, W. W., a.r.s. (*S.* 1948) M. G. H.
Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester
Wheeler, C. A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster
WHEELER, E. O., a.p. M. G. H.
WHEELER, R. R., a.p. (*W.M.* 1922)
5 Bay State Rd.
Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd., Columbus, Ohio
WHEELOCK, F. C., Jr., a. *S.* (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline
WHISKIN, F. E., a.r.p. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1951 M. G. H.
WHITE, C. J., hon. p.
259 Marlborough
WHITE, E. M., a. dir. M. G. H.
WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.

White, Laurens P., *M.* 1950; a.r.p. 1951
149 Castro, San Francisco, Calif.
WHITE, LeMOYNE, a. psychiat. (*E.M.* 1942); r.p. *Psychiat.* 1947
M. G. H.
WHITE, P. D., *Bd. of Cons.*; cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon
Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.
Whitford, W., *Or.* 1931
22 Roosevelt Ave., Poughkeepsie, N. Y.
Whitham, R. H., *W.S.* 1926
921 Stuart Bldg., Lincoln, Nebr.
WHITING, R. G., a. *M.*
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.
Whittemore, William S., *S.S.* 1910
3 Concord Ave., Cambridge
WHITTEMORE, WYMAN, hon. s. (*W.S.* 1906) Boyce, Va.
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard
Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
WILCOX, R. E., a.r.s. (*S.* 1949)
M. G. H.
WILKINS, E. W., Jr., a. *S.* (*W.S.* 1945); a.r.s. 1951 205 Beacon
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
4 Chestnut, Springfield
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
Avenue Pedro de Valdivio 2476, Santiago, Chile
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp., New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
490 Post, San Francisco, Calif.
WILSON, P. D., *Bd. of Cons.* (*E.S.* 1914)
321 E. 42nd, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946 14 E. 90th, New York, N. Y.
WILSON, RICHARD V., a.r. M. G. H.
WILSON, ROBERT F., clin. assoc. *C.M.* 113 Locust, Dover, N. H.
Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg., Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp., Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave., Indianapolis, Ind.
Wolff, J., *M.* M. G. H.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. Coll., Peiping, China
Wood, B. S., *E.S.* 1933
751 Main, Waltham
Wood, E. C., *M.* 1951
Yale Univ. Sch. of Med., New Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
Wood, James E., Jr., *W.M.* 1923; r.p. *E.M.* 1923
Univ. of Virginia Hosp., University, Va.
WOOD, W. FRANKLIN, dir. (*McL.*) McLean Hosp., Waverley
Wood, William E., *Dn.* 1940
1726 Eye, N.W., Washington, D. C.
WOODARD, M. W., a. *Oph.*
9 Central, Lowell
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947
1101 Beacon, Brookline

Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.
WYMAN, S. M., r.; j.r.p. *R.* 1942
M. G. H.
Wyngaarden, J. B., *M.* 1949; r.p. 1951
National Heart Inst., National Inst. of Health, Bethesda, Md.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Mental Health, Bethesda, Md.
Wysham, D. N., *M.* M. G. H.
YAFFEE, H. S., a.r.p. *D.* M. G. H.
Yanagisawa, K., *Or.* 1944
50 E. 52nd, New York, N. Y.
Yankauer, A., *C.M.* 1941
New York State Dept. of Health, Albany, N. Y.
Yatsuhashi, M., *W.S.* 1945; a.r.s. 1946
66 Beals, Brookline
Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
Sunmount Hosp., Tupper Lake, N. Y.
Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton
YORK, R. H., a. psychol. M. G. H.
Youmans, J. B., *E.M.* 1921
Univ. of Illinois Coll. of Med., Chicago, Ill.
Young, C., *E.S.* 1923
Med. Arts Bldg., Salt Lake City, Utah
Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.
YOUNG, E. L., *Bd. of Cons.* (*W.S.* 1910) 1180 Beacon, Brookline
Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.
Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge
ZAMBON, ENES, exec. a. (*S.N.* 1929) M. G. H.
Zamcheck, N., *Path.* 1943
Boston City Hosp.
ZAMECNIK, P. C. M., assoc.p.
M. G. H.
ZAUDY, ELEONORE C., a.p. *C.M.*
1247 Beacon, Brookline
ZELLER, J. W., assoc. p. (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZETZEL, ELIZABETH R.,
a. psychiat. 14 Hubbard Pk., Cambridge
ZONDERMAN, B., a.s. *Otolar.*
314 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
Zuidema, G. D., *S.* M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, H.
Lyons, C.
Perley, A. I.
Richardson, W. R.
Shannon, P. W.
Selma
Harper, W. F.

ARIZONA

Kingman
Findlay, F. M.
Phoenix
Bendheim, O. L.
Sussman, M. L.
Tucson
Haswell, H. P.
Omer, J. A.
Rupp, J. J.
Willcox
Havemeyer, W. F.

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Bennett, C. B.
Cheney, M. C.
Perkins, W. A.
Richards, D. N., Jr.
Beverly Hills
Berkley, H. K.
Miller, M. L.
Putnam, T. J.
Blue Lake
Kerr, W. J.
Glendale
Billig, H. E., Jr.
Cannon, J. A.
Hollywood
Snyder, W. H., Jr.
Long Beach
Ellery, S. W.
Meister, L.
Los Angeles
Ayres, S., Jr.
Boyes, J. H.
Chaffin, G. L.
Cozen, L.
Goettsch, E.
Ilfeld, F. W.
Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
Miller, R. B.
Mills, L., Jr.
Mudd, S. G.
Rose, A. S.
Scholl, A. J.
Schuler, J. D.
Solomon, J.
Thompson, V. P.
Urist, M. R.
Veldee, M. V.
Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.
North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.
Oakland
Ewer, E. G.
Graeser, J.B.
Hitchcock, H. H.
Larkey, J.
Moorman, H. D., Jr.
Nesche, G. E.
Owyang, P.
Richards, D. N.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.
Palo Alto
Hawkins, R.
Pasadena
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.
Manton, W. W.
Piedmont
Francis, L.
Newell, J. W.
Pomona
Wilcox, J. C.
Redlands
Dole, K. L.
Redwood City
Soholt, S. T.
Ross
Pillsbury, P. L.
Sacramento
Haig, T. R.
Horn, C. E.
McNeil, D.
San Bernadino
Leeper, R. W.
San Bruno
Quinn, T. J., Jr.
San Diego
Garrity, R. W.
Peabody, H. D., Jr.
San Francisco
Abbott, L. C.
Alston, E. F.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Jergesen, F. H.
Kilgore, A. R.
Levy, S. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
White, L. P.
Wilson, J. L.
San Jose
Ahnlund, N. W.
McCort, J. J.
San Mateo
Key, W. A.
Prindle, K. H.
San Rafael
Rhinelander, F. W., II
Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.
Santa Cruz
Fowler, C. B.
Springville
Winn, W. A.
Vallejo
Tyson, R. G.
West Los Angeles
Mason, E. D.

COLORADO

Colorado Springs
Hartwell, J. B.
Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Dixson, I. M.
Franz, E. M.
Haggart, W. W.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
Lingenfelter, G. P.
MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Mitchel, D. H.
Packard, G. B.
Peterson, E. W.
Spencer, J. R.
Van Stone, L. M.
Van Stone, W. D.
Greeley
Russell, H. N., Jr.

CONNECTICUT

Bridgeport
Mulford, E. H., II
Strayer, L. M., Jr.
Fairfield
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Hepburn, R. H.
Jones, F. S.
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Locke, H. L. F.
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McPherson, S. R.
Mancall, I. T.
Ogden, R. T.

Pike, M. M.
Seigle, S. P.
Watson, J. W.
Manchester
Boyd, H.
Meriden
Aldwin, F. J.
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New Britain
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New Canaan
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Walser, M.
New Haven
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Colwell, H. S.
Ewell, J. W.
Frame, B.
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Harrison, E. R.
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Rogers, O. F.
Sandifer, M. G., Jr.
Seabury, R. B.
Smith, H. W.
Tileston, W.
Vaughan, V. C., III
Wood, E. C.
Newington
Carey, J. M.
Norwalk
Gens, J. P.
Norwich
Kettle, R. H.
Sharon
Gevalt, F. C., Jr.
Waterbury
Cole, C. H.
Harty, J. E.
West Hartford
Fairlie, C. W., Jr.
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McPartland, C. E.
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Stoddard, J. K.

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FLORIDA
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Winnetka
Brown, R. G.

INDIANA
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IOWA
Des Moines
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Wichita
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KENTUCKY
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Polderman, H.

LOUISIANA
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Holt, C. L.
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Parker, J. M.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Webster, F. P.
Rockland
Fogg, N. A.
Skowhegan
Stinchfield, A. J.
South Portland
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Surry
Milam, D. F., Jr.
Tennants Harbor
Dennen, R. W.
Waterville
Risley, E. H.
Yarmouth
Macdonald, H. E., Jr.

MARYLAND

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Bennett, L. F.
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Fritz, W. F.
Gay, L. N.
Harting, D.
Hopkins, C. B.
Howard, J. E.
Kiely, B.
Newman, E. V.
Phelps, W. M.
Stunkard, A. J.
Sutherland, G. F.
Thomas, H. M., Jr.
Thompson, S. B.
Bethesda
Firminger, H. I.
Hunt, S. P.
Reeves, J. D., Jr.
Wyngaarden, J. B.
Wynne, L. C.
Salisbury
Kitts, A. W.
Towson
Wies, D.
Westminster
Lichtenwalner, C. S.

MASSACHUSETTS

Amesbury
Warren, C. F.
Amherst
Radcliffe, E. J.
Andover
Holihan, J. P.
Arlington
Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Bedford
Hoffman, J. L.
Belmont
Coolidge, J. C.
d'Autremont, C. C.
Gardner, G. E.
Kaufman, M. R.
Kershaw, B. R.
Semrad, E. V.
Beverly
Alt, R. E.
Bandeian, A. M.
Haanes, M. A.
Parkhurst, A. E.
Risley, T. S.
Scott, D. H.
Senecal, A. L.
Stickney, R. C.
Todd, B. P.
Boston
Abbott, J. A.
Abramson, D.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Adams, R. H.
Albright, F.
Allen, A. W.
Allen, H. F.
Allman, C. H.
Alpert, R.
Altschule, M. D.
Arrowood, J. G.
Arthur, R. J.
Aub, E. F.
Aub, J. C.
Aufranc, O. E.
Averill, J. H.
Ayer, J. B.
Badger, G. S. C.
Badger, T. L.
Baggett, B.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
Bandler, B.
Banks, H. H.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
Benda, C. E.
Benedict, E. B.
Benedict, P. H.
Bennett, W.
Berenberg, W.
Berg, R. L.
Bidwell, R. LeR., II
Bigelow, F. S.
Bland, E. F.
Blank, I. H.
Blodgett, F. M.
Blom, G. E.
Bloom, D. D.
Bonner, F. J.
Bratt, H. A.
Braudo, J. L.
Brazier, M. A. B.
Brewster, H. H.
Brewster, W. R., Jr.
Brickley, W. J.
Briggs, B. D.
Brockhurst, R. J.
Brown, L. T.
Brown, M. R.
Brown, T.
Brownell, G. L.
Bucher, N. L. R.
Bunker, J. P.
Burbank, C. B.
Burnett, F. L.
Burrage, W. S.
Burt, A. S.
Burwell, C. S.
Bush, R. D.
Butler, A. M.
Byers, R. K.
Calkins, E.
Caner, G. C.
Cannon, B.
Carnes, H. A.
Carney, H. J.
Casten, V. G.
Castle, W. B.
Castleman, B.
Cavanaugh, T.
Cave, E. F.
Cerrato, C. M.
Chandler, P. A.
Chapman, E. M.
Chapman, W. P.
Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clap, E. W.
Clark, D. A.
Clark, G. O.
Clark, L. D.
Clay, C. L.
Clifford, M. H.
Clough, J. M.
Cobb, S.
Cogan, D. G.
Cohen, J.
Cohen, M. E.
Colby, F. H.
Cole, E. M.
Collinson, A. W.
Cook, C. D.
Cope, O.
Corsa, L., Jr.
Covitz, E. E.
Crabtree, H. H.
Crawford, J. D.
Crone, N. L.
Cronin, T. P.
Crothers, B.
Crowley, C. W.
Culver, P. J.
Cummin, J. W.
Cummins, L. J.
Currens, J. H.
Cutler, G. D.
Daland, E. M.
Davies, J. A. V.
Dawes, D. C.
DeBlois, E.
Decker, B. L.
d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
Diamond, L. K.
Dickson, W. A.
Dienes, L.
Dodd, R. B.
Donaghy, G. E.
Donahue, H. C.
Donaldson, G. A.
Dresser, R.
Drooker, J. C.

Duffy, R. J.
Dunphy, E. B.
DuToit, C. H.
Dwight, R. W.
Ellis, L. B.
Emerson, G. F.
Emerson, K.
Endee, C. H.
Engel, L. L.
Ernlund, C. H.
Evans, M. G.
Evans, R. R.
Fang, H. C. H.
Farmer, D. A.
Faulkner, J. M.
Fawcett, D. W.
Faxon, H. H.
Faxon, N. W.
Fay, J. H.
Fennell, R. H., Jr.
Fine, J.
Finesinger, A. L.
Finkenstaedt, J. T.
Fitz, R.
FitzHugh, G.
Flanagan, N. B.
Floyd, C.
Forbes, A. P.
Frantz, I. D., Jr.
Frazier, C. N.
Freedman, H. J.
Freymann, J. G.
Friedlich, A. L., Jr.
Frost, H. M.
Fuller, H. S.
Funsch, R. E.
Gamble, J. L.
Ganz, R. N.
Garcelon, G. G.
Gardella, J. W.
Garland, F. E.
Garland, J.
Gasteiger, E. L., Jr.
Gephart, F. T.
Gergely, J.
Gibbons, J. F.
Glicklich, E. A.
Goethals, T. R.
Goetz, F. C.
Goldthwait, J. C.
Goldthwait, J. E.
Goodale, R. L.
Goodall, E. B.
Gordon, J. E.
Gove, B. J.
Graham, J. B.
Graham, J. R.
Graham, R. M.
Grant, W. M.
Gray, B. C.
Greene, J. E.
Greene, R. W.
Gregory, J. D.
Grice, D. S.
Griesemer, R. D.
Gross, J.
Grove-Rasmussen, M.
Guardo, J. L.
Gundersen, T.
Guralnick, W. C.
Haggart, G. E.
Hall, V. R.
Hamlin, E., Jr.
Hanelin, J.
Hanflig, S. S.
Harwood, R.
Haven, G. W.
Hawes, L. E.
Hayden, E. P.
Heath, P.
Helman, M. E.
Hendrick, I.
Hill, J. M.
Hill, L. W.
Hill, W. R., Jr.
Hodgson, J. S.
Hoeffel, G. N.
Holder, R.
Hollings, C. B.
Holmes, E. M.
Homans, J., Jr.
Horrax, G.
Howard, H. H.
Howe, H. D.
Hugenberger, P. W.
Humphreys, S. P.
Hunter, F. T.
Huntington, B. L.
Hurxthal, L. M.
Ingersoll, F. M.
Isaacs, J. P.
Jackson, H., Jr.
Jackson, W. P. U.
Jacobson, B. M.
Jeanloz, R. W.
Johnson, C. C.
Johnson, C. I.
Johnson, M. R.
Johnson, P.
Jones, C. M.
Jones, H. W., Jr.
Jones, S. G.
Jones, W. N.
Joseph, A. T.
Joslin, E. P.
Kahn, D.
Kane, L. W.
Kazanjian, K. A.
Kazanjian, V. H.
Kelemen, G.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kent, C.
Kerr, W. S., Jr.
Kerrigan, G. A.
Kilfoyle, R. M.
King, R. B.
Kinsey, D.
Kite, O. W.
Klein, A.
Knapp, P. H.
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Kowalski, H. J.
Kozol, H. L.
Kranes, A.
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Krumbhaar, G. D.
Kubik, C. S.
Kuhns, J. G.
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Kunz, L. J.
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Lane, C. G.
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Lawrence, G. W.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leidholt, J. D.
Leighton, H. T.
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Lennox, W. G.
Lentine, J.
Lerman, J.
Lever, W. F.
Levitan, J. J.
Lezer, L. R.
Liebman, S. D.
Lindemann, E.
Lipmann, F.
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Lloyd, J. B.
Locksley, H. B.
Lo-Presti, J. J.
Lorenz, M.
Lothrop, O. A.
Lovesey, B. E.
Lowis, S.
Ludwig, A. O.
Lund, C. C.
Luongo, M. A.
Lurie, M. H.
Lyon, A. B.
Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
McCarthy, P. L.
McCartin, J. E.
McDermott, W. V., Jr.
McGinn, S.
McKeigue, J. E.
Maloof, F.
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Marcus, S. M.
Mark, V. H.
Martin, S. F.
Matoltsy, A. G.
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May, G. E.
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Meigs, J. V.
Meltzer, P. E.
Merrill, O. E.
Michelsen, J. J.
Miller, D.
Miller, L. C., Jr.
Miner, L. M. S.
Miner, R. L.
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Mixter, C. G., Jr.
Mixter, G., Jr.
Mixter, W. J.
Moore, F. D.
Moran, T. W.
Morgan, W. S.
Morrison, G. M.
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Mosher, H. A.
Mueller, H. P.
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Murphy, H. J.
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Nardi, G. L.
Nathan, L.
Nathanson, I. T.
Nemiah, J. C.
Neumann, E. T.
Normann, N.
Noss, G. M.
Novelli, G. D.
O'Brien, F. W., Jr.
Offenbach, B.
Okamura, I. D.
Osgood, H. A.
Osgood, R. B.
Owen, W. R.
Paine, T. F., Jr.
Palfrey, F. W.
Palmer, R. S.
Parsons, L.
Pearson, C. M.
Pechet, M. M.
Perlo, V. P.
Pier, A. S., Jr.

Pippitt, R. B.
Pittman, H. S.
Place, E. H.
Point, W. W.
Pollen, A.
Pope, A.
Poulin, F. K.
Quarton, G. C.
Quinby, J. T.
Quinby, W. C., Jr.
Rackemann, F. M.
Ragland, S., Jr.
Ragle, B. H.
Rak, I. P.
Raker, J. W.
Record, E. E.
Reed, G. F.
Reith, H. C.
Reyersbach, G. C.
Richardson, E. P., Jr.
Richardson, J. R.
Riemer, K.
Riley, A.
Robbins, L. L.
Robertson, C. W.
Robinson, C. V.
Rockwood, E. M.
Rodkey, G. V.
Rogers, H.
Rogers, W. A.
Romberg, E. C.
Roopenian, A.
Ropes, M. W.
Rosales, R. K.
Rouillard, F.
Rounds, C. E.
Rourke, G. M.
Rowe, C. R.
Ruben, M.
Runge, P. M.
Rutstein, D. D.
Sachs, B.
St. Goar, W. T.
Sanchez, G. C.
Sands, K. F.
Sarnoff, S. J.
Scannell, J. G.
Schall, L. A.
Schepens, C. L.
Schmid, K.
Schulz, M. D.
Schuster, S. R.
Schwab, R. S.
Scott, J. F.
Scully, R. E.
Seale, E. S.
Sears, J. B.
Selverstone, B.
Sewall, W. F.
Seyfarth, H. B. F.
Shangraw, K. A.
Shattuck, G. C.
Shaw, R. S.
Sheldon, C. P.
Sheldon, R. F.
Short, C. L.
Shriber, W. J.
Sifneos, P. E.
Simmons, F. A.
Sisson, W. R.
Sleeper, E. L.
Sloane, A. E.
Smith, C. A.
Smith, R. M.
Smith, T. R.
Smith, W. H.
Smith-Petersen, M.
Smith-Petersen, M. N.
Smithwick, R. H.
Snyder, J. C.
Sohier, W. D., Jr.
Solomon, H. C.
Soodak, M.
Sosman, J. L.
Soutter, L.
Spangler, A. S.
Spear, L. M.
Speare, G. S.
Srere, P. A.
Stanbury, J. B.
Stauffer, R. E.
Sternstein, H. J.
Stetson, R. P.
Sturdevant, C. L.
Sturgis, S. H.
Suby, H. I.
Sullivan, G. L.
Swan, C. L., Jr.
Swan, C. S.
Swartz, J. H.
Sweet, P. L.
Sweet, R. H.
Sweet, W. H.
Sweetser, E. H.
Taft, E. B.
Talbot, N. B.
Talkov, R. H.
Taylor, G. W.
Taylor, J. H.
Tefft, R. C., Jr.
Tenney, B., Jr.
Thomas, J. M.
Thomas, W. A.
Thompson, J. E.
Thorndike, A.
Timberlake, W. H.
Todd, D. P.
Tolman, M. M.
Trapp, C. E.
Trevett, L. D.
Tucker, W. I.
Ulfelder, H.
Vance, R. G.
Van Gorder, G. W.
Verhoeff, F. H.
Vickery, A. L., Jr.
Victor, M.
Vincent, B.
von Felsinger, J. M.
Waddell, W. R.
Waksman, B. H.
Wallace, R. H.
Wang, C. C.
Warthin, T. A.
Waterman, G. A.
Watkins, A. L.
Weille, F. L.
Weinstein, L.
Weisberger, D.
Weisman, A. D.
Welch, C. E.
Wesselhoeft, C.
Wheeler, E. O.
Wheeler, R. R.
White, C. J.
White, E. M.
White, J. C.
White, L.
White, P. D.
Whitelaw, G. P.
Whiting, R. G.
Wilkins, E. W., Jr.
Williams, C.
Williams, V. P.
Wills, A. A., Jr.
Wilson, R. V.
Wolff, L.
Wyman, R. R.
Wyman, S. M.
York, R. H.
Zamcheck, N.
Zamecnik, P. C. M.
Zonderman, B.

Brockton

Chase, J. S.
Duncombe, A. L.
Foss, M. W.
Moore, G. A.
Rae, R. G.
Ryan, M. L.
Tucci, J. H.

Brookline

Bacon, W. B.
Balch, F. G., Jr.
Barker, R. H.
Barnum, F. G., Jr.
Boutwell, H. K.
Bowditch, H.
Braconier, H. E.
Brailey, A. G.
Brigham, F. G.
Broderick, T. F., Jr.
Burgin, L. B.
Cass, J. W., Jr.
Chamberlin, D. T.
Clifford, S. H.
Cohen, A.
Dalrymple, W.
Dietrich, H. J.
Duncan, C. J.
Dyer, E. C.
Easton, M. T.
Ellis, D. S.
Finck, A. J.
Fowler, D. M.
Franseen, C. C.
Frazee, J. R.
Garrey, W. E.
Gauld, A. G.
Gillespie, L.
Greeley, H. P.
Green, R. M.
Gregg, W. I.
Grogan, R. H.
Haley, W. D.
Hall, F. C.
Hindman, D. H.
Holland, D. J., Jr.
Homans, J.
Hormell, R. S.
Irving, F. C.
Joplin, R. J.
Kennard, H. E.
King, D. S.
King, M. J.
Kirkwood, S. B.
Linenthal, A. J.
Linton, R. R.
McKittrick, J. B.
McKittrick, L. S.
Miller, C. C.
Morse, G. W.
Newell, J. L.
Norton, P. L.
Prather, G. C.
Pratt, T. C.
Reidy, J. A.
Rhodes, F. I.
Rock, J.
Schatzki, R.
Shea, C. J.
Siscoe, D. L.
Smith, G. G.
Smith, J. A.
Smith, W. D.
Spalding, R.
Spellman, I. W.

Sprague, H. B.
Stone, B. H.
Stone, W., Jr.
Sturgis, G. P.
Sullivan, C. L.
Talbot, F. B.
Thoma, K. H.
Tilley, R. F.
Torbert, J. R.
Trakas, J. C.
Turtle, W. J.
Viets, H. R.
Warren, R.
Webster, R. C., Jr.
West, F. J.
Wheelock, F. C., Jr.
Winsor, A. P.
Woodruff, L. M.
Yatsuhashi, M.
Young, E. L.
Zaudy, E. C.
Zeller, J. W.

Bryantville
Angley, J. C.

Cambridge
Bock, A. V.
Brazelton, T. B.
Carter, F.
Carter, G. H.
Deutsch, H.
Edsall, G.
Evans, R. D.
Farnsworth, D. L.
Forbes, A.
Gates, P. H.
Ginandes, S. C.
Godley, A. F.
Hardy, H. L.
Heath, C. W.
Hubbard, E., Jr.
Jessner, L. J.
Jouett, F. R.
Ludwig, G. D.
Means, P. H.
Monks, J. P.
Ross, R. A.
Shands, H. C.
Smith, L. H., Jr.
Stevens, H. P.
Trump, J. G.
Weinberger, J. L.
Whittemore, W. S.
Young, R. A.
Zetzel, E. R.

Canton
Yens, O. C.

Chelsea
James, W. J.

Chestnut Hill
Simmons, C. C.

Cohasset
Howe, H. F.

Concord
Hitchcock, J.
Loring, R. G.
McDonald, F. C.
Tompkins, J. B.

Danvers
Hall, M. G.
Leach, C. A., Jr.
Licciardello, A. T.
Stanton, J. C.

Dedham
Halsted, J. A.
Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Braintree
Slemons, M. L.

East Natick
Garrett, J. W. D.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
MacLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Mason, W.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.

Foxboro
Putnam, J. J.

Framingham
Bloomberg, W.
Denton, J. E.
Folsom, H. F.
Golden, T. S.

Gloucester
Garland, R.

Greenfield
Moran, J. E.
Wallace, E. P.

Hadley
Huntington, J. L.

Harvard
Wigglesworth, W. C.

Haverhill
Shipley, M. S.
Shlossberg, F. R.

Hingham
Eldredge, L. L., Jr.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Mahoney, S. A.

Ipswich
Goodale, J. L.

Lancaster
Bartol, E. F. W.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.
Levek, J. A.
McEneaney, J. P.
O'Shea, J. A.
Waddington, E. J.

Leominster
Wheeler, C. A.

Lexington
Cosgrove, W. L.
Ferguson, A. B., Jr.

Lincoln
DeNormandie, R. L.

Longmeadow
Adams, W. B.
Clymer, G.
Egloff, F. R. L.
Huston, L. L.

Lowell
Grant, G. J. M.
Leahey, B. D.
Woodard, M. W.

Lynn
McIntire, F. J., Jr.
Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.

Malden
Haire, P. G.
Thorp, E. G.

Marblehead
Hopkins, S. W.
Mosher, H. P.
Packard, F. H.

Medfield
Reggio, A. W.

Medford
Morrissey, A. M.

Melrose
Daffinee, R. W.

Middleboro
Arzimanoglou, A. A.

Milton
Baker, W. J.
Binney, H.
Brown, L.
Coons, A. H.
Gamble, C. J.
Kernan, R. D.
Sullivan, E. R.
Tudor, F.
Van Dyke, W.
Vose, R. H.

Nahant
Cusick, L. F.

Needham
O'Keeffe, A. F.
Steele, B. W., Jr.

New Bedford
Hoffman, H. A.
Lewis, E. O.
Maynard, G. B., Jr.
Stevens, H. W.
Tripp, C. C.

Newburyport
Bullard, C. W.
Hamilton, R. DeL.
Toppan, R. L.

Newton
Adler, M. H.
Bell, G. O.
Shirley, J. N.

Newton Centre
Derow, S.
Higgins, R. B.
Rutherford, R. W.

Newton Highlands
Kaplan, S.
Norcross, J. W.
Thompson, R. D.

Northampton
Tatlock, H.

North Andover
Wallwork, D. W.

Pittsfield
Breslin, J. E.
Reynolds, G. S.
Tracy, R. J.

Plymouth
Hamilton, H. H.

Quincy
Hussey, M. B.

Salem
Breed, F. B.
Clark, D. S., Jr.
Flynn, J. G.
Freedberg, A. P.
Lowd, H. M., Jr.
Peirson, E. L.
Phippen, W. G.
Polansky, S. C.
Stebbins, H. D.
Thompson, R. H

Sharon
Brown, R. H.

South Barre
Warner, J. H.

Southboro
Ingalls, T. H.
South Hamilton
Rogers, D. M.
Springfield
Bachulus, M. J.
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Seelye, R. H.
Williams, D. W.
Stockbridge
Kimberly, C. H.
Swampscott
Mayo, F. B.
Vineyard Haven
Greene, E. M.
Waltham
Hardy, I. B., Jr.
Holmes, J. A.
Lawlor, E. F.
Lewis, J. L.
Shugar, J. L.
Wood, B. S.
Wareham
Lincoln, J. R.
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Bower, W. H.
Chamberlin, D. B.
Craddock, C. G., Jr.
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Peterson, H. O.

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Maughs, S. B.
Mead, S.
Moore, S.
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Trenton
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Gaunt, F. P.

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Steenburg, E. K.
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Luikart, R. H.
Martin, J. W.

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Cantlon, E. L.
Cantlon, J. V.

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Concord
Mintz, E. R.
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Wilson, R. F.
Exeter
Heyl, J. T.
Hanover
Gundersen, S. M.
Heyl, H. L.
Hunter, R. W.
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Staples, O. S., Jr.
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Lacey, W. H.

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Bienvenu, L. J.
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Emerson, W. J.

Summit
Willetts, A. T.

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Yankauer, A.

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Hudson
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Squire, L. F.

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Spangler, P. E.

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Narberth
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Williamsport
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Kingman, L. C.
McDonald, C. A.
Phillips, E. B., II
Sargent, F. B.
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Sinclair, E. B.
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Martin, J. A.
Moore, H.
Rosser, C.
Spence, H. M.
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Fort Worth
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Houston
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David, S. D.
Park, J. H.
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McAllen
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San Antonio
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Smith, L. D.

WYOMING
Wheatland
Lunt, L. K.

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Lansing, C.

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Halifax, N. S.
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Marshall, C. S.
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McKay, W. W.
Kingston, Ont.
Melvin, W. J. S.
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Montreal, Que.
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MacDermot, P. N.
St. Catharines, Ont.
Shannon, J. G.
Toronto, Ont.
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Gardiner, W. J.
Harris, W. R.
Holmes, R. B.
Lowrey, S. R.
Watson, J. L.
Victoria, Brit. Col.
Hoodless, E. C.
Winnipeg, Man.
Adamson, G. L.

CHILE
Santiago
Williamson-Lefort, L.

CHINA
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Hsichow
Roots, L. H.
Nanking
Cheer, S. N.
Peiping
Woo, S. T.

COLOMBIA
Bogotá
Salamanca, J. J.

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Leigh, A. D.
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FRANCE
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Herrera, R. E.

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Oslo
Lund, I.

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Bahrain
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FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 103 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See also page 104 of this Report

BOSTON LINOTYPE PRINT

WALTER BAUER, M. D.
MASSACHUSETTS GENERAL HOSPITAL
BOSTON 14, MASSACHUSETTS

One Hundred and Fortieth
Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
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For the Year
1953
Officers and Staff
1954

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

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Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

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C. *A Legacy Intended for a Special Purpose*

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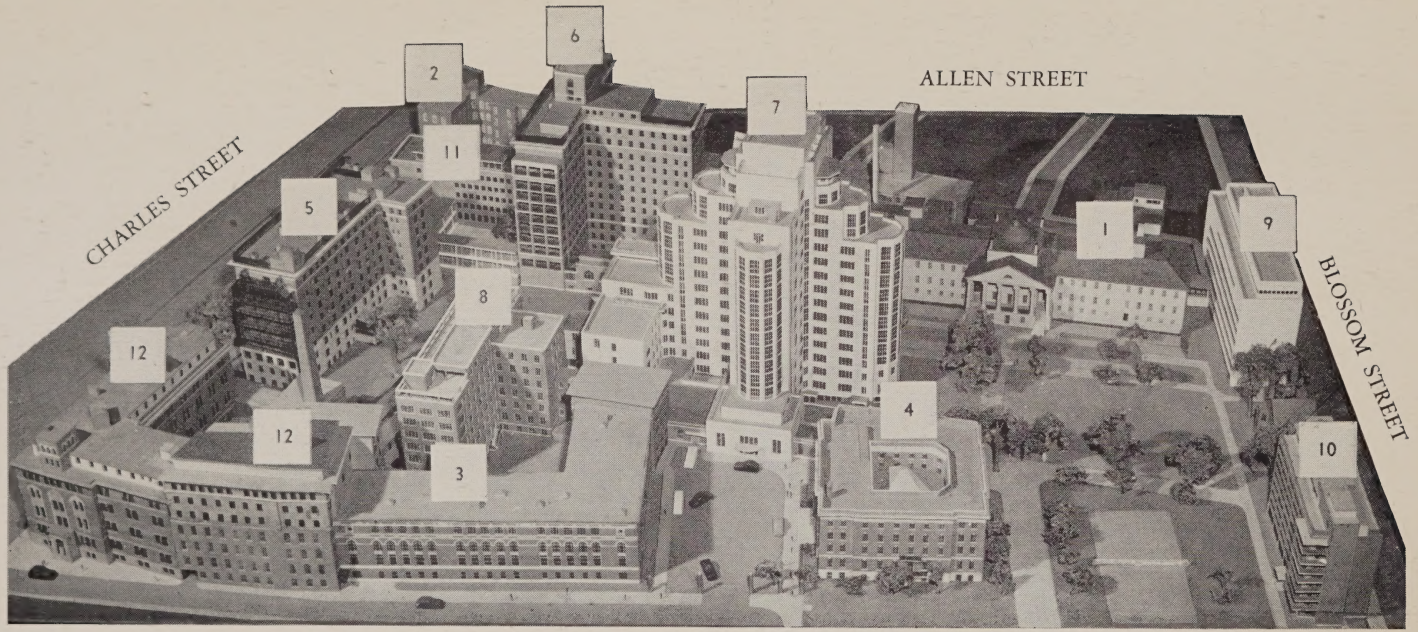

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1893); 3. Out-Patient Department Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Pathology Building (construction to begin 1954); 12. *Massachusetts Eye and Ear Infirmary* (1899) and Connecting Building.

One Hundred and Fortieth
Annual Report of the Trustees
OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the year

1953

Officers and Staff

1954

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Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay doctors' fees, the Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of those acutely ill, or such chronic cases as can be substantially relieved by hospitalization of short duration. Contagious and mental cases are not admitted.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA. 3-8200.

Application for admission of patients should be made at the George Robert White Building on week days between 9 a.m. and 3 p.m.

Application from a distance should be made in writing by the attending physician with a full description of the case and the reason for requesting admission; and if a reduced rate or a free bed is needed, by a statement of the patient's circumstances. Always wait for a reply before sending the patient.

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness under conditions where services of a physician cannot be obtained readily may come to the Emergency Ward at the hospital entrance at any time.

The rate in the general wards is $16.00 per day for board, plus charges for additional services, such as laboratory, x-rays, operating room and special medicine. A deposit is required upon admission, and bills are payable weekly thereafter in advance. While the rates can be modified for Massachusetts residents if necessary, patients living outside Massachusetts must be able to pay the full rates.

The Out-Patient Department, open for admission from 8:00 to 10:00 a.m. (except Sundays and holidays) is for patients who cannot afford to go to a doctor's office. Appointments should be made by mail.

THE BAKER MEMORIAL

Entrance—same as the General Hospital. Telephone—LA. 3-8200.

This department is for patients of moderate means. Inquiries about admission should be made of the Baker Memorial Admitting Office.

Patients may be referred by any physician but may be attended only by members of the Staff of the Massachusetts General Hospital or the Massachusetts Eye and Ear Infirmary.

Single and double rooms, and ward beds are offered at rates of $16.00 to $21.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance—265 Charles Street. Telephone—LA. 3-8200.

Inquiries about admission or other matters should be made of the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $22.00 to $35.00 per day, plus charges for additional services. Attending physicians arrange their own fees.

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Milton E. Helman, M.D.
Margaret B. Hussey, M.D.
John E. LeDonne, M.D.
Philip L. McCarthy, M.D.
Arthur S. Spangler, M.D.

Research Associates
Irvin H. Blank, PH.D.
Alexander G. Matoltsy, M.D.

NEUROLOGY

Chief of Service
Raymond D. Adams, M.D.

Neurologists
G. Colket Caner, M.D.
Robert S. Schwab, M.D.

Associate Neurologists
Madelaine R. Brown, M.D.
Edwin M. Cole, M.D.

Assistant Neurologists
John A. Abbott, M.D.
Edward P. Richardson, Jr., M.D.
Vincent P. Perlo, M.D.
Maurice Victor, M.D.

Assistants in Neurology
Huntington Porter, M.D.
Ruth E. Stauffer, M.D.
William H. Timberlake, M.D.

Neurophysiologist
Mary A. B. Brazier, PH.D.

Associate Bacteriologist
Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service
**Stanley Cobb, M.D.

Psychiatrists
Lucie J. Jessner, M.D.
Erich Lindemann, M.D.

Associate Psychiatrists
Herbert Barry, Jr., M.D.
Paul M. Howard, M.D.
Alfred O. Ludwig, M.D.

Assistant Psychiatrists
Gaston E. Blom, M.D.
Gardner C. Quarton, M.D.
Henry H. Brewster, M.D.
Avery D. Weisman, M.D.
Daniel C. Dawes, M.D.
LeMoyne White, M.D.
Volta R. Hall, M.D.
Vernon P. Williams, M.D.
John C. Nemiah, M.D.
Elizabeth R. Zetzel, M.D.

Assistants in Psychiatry
Clemens E. Benda, M.D.
Richmond Holder, M.D.
Frances J. Bonner, M.D.
Maria Lorenz, M.D.
Franklin Carter, M.D.
I. Paley Rak, M.D.
*Lincoln D. Clark, M.D.
Peter E. Sifneos, M.D.
Abraham L. Finesinger, M.D.
Jerome L. Weinberger, M.D.

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*On leave of absence for military service
**Through June 30, 1954

Associate Psychologist
John M. von Felsinger, PH.D.

Assistant Psychologist
Lovick C. Miller, Jr., PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service
Allan M. Butler, M.D.

Physicians to Children's Medical Service

Leo B. Burgin, M.D.
John A. V. Davies, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

Frederic M. Blodgett, M.D.
T. Berry Brazelton, M.D.
John D. Crawford, M.D.
Ralph W. Daffinee, M.D.
Ribert N. Ganz, M.D.
Arthur J. Linenthal, M.D.
Francis C. McDonald, M.D.
Gertrud C. Reyersbach, M.D.
Richard C. Tefft, Jr., M.D.
Louis Weinstein, M.D.

Assistant Physicians to Children's Medical Service

Albert Cohen, M.D.
William A. Dickson, M.D.
Edward C. Dyer, M.D.
LeRoy L. Eldredge, Jr., M.D.
William F. Ketchum, M.D.
Joseph L. Lewis, M.D.
William Pfeffer, Jr., M.D.
Wilhelmina Van Dyke, M.D.
Eleonore C. Zaudy, M.D.

Assistants to Children's Medical Service

Doris R. Bennett, M.D.
John A. Duggan
Lawrence J. Essember, M.D.
Gerald A. Kerrigan, M.D.
Robert T. Sceery, M.D.
†Richard H. Watson, M.D.

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services
Edward D. Churchill, M.D.

Consulting Visiting Surgeon
Leland S. McKittrick, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Oliver Cope, M.D.
Robert R. Linton, M.D.
Horatio Rogers, M.D.
Richard H. Sweet, M.D.
Grantley W. Taylor, M.D.
Claude E. Welch, M.D.

†July 1, 1954

Associate Visiting Surgeons

Bradford Cannon, M.D.
Edward Hamlin, Jr., M.D.
E. Parker Hayden, M.D.
Ira T. Nathanson, M.D.

Assistant Surgeons

Gordon A. Donaldson, M.D.
*Ward I. Gregg, M.D.
*Francis M. Ingersoll, M.D.
John B. McKittrick, M.D.
J. Gordon Scannell, M.D.
*Fred A. Simmons, M.D.
*Howard Ulfelder, M.D.

Assistants in Surgery

Charles B. Burbank, M.D.
F. Thomas Gephart, M.D.
*John B. Graham, M.D.
William V. McDermott, Jr., M.D.
Charles G. Mixter, Jr., M.D.
George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
John W. Raker, M.D.
Grant V. Rodkey, M.D.
Robert S. Shaw, M.D.
William R. Waddell, M.D.
Frank C. Wheelock, Jr., M.D.
Earle W. Wilkins, Jr., M.D.

ANESTHESIA

Chief of Service

Henry K. Beecher, M.D.

Associate Anesthetists

Bernard D. Briggs, M.D.
John P. Bunker, M.D.
Donald P. Todd, M.D.

Assistant in Anesthesia

Ernest A. Sneddon, M.D.

Associate Psychologist

John M. von Felsinger, PH.D.

ENDOSCOPY

Endoscopist

Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service

Joe V. Meigs, M.D.

Staff by assignment from General Surgery

---

*Assigned to Gynecology

NEUROSURGERY

Chief of Service
James C. White, M.D.

Associate Visiting Neurosurgeon
William H. Sweet, M.D.

Assistant Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistant in Neurosurgery
Louis Bakay, M.D.

Research Associate
Edgar L. Gasteiger, Jr., M.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D.
Edwin F. Cave, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
Thomas F. Broderick Jr., M.D.
Thornton Brown, M.D.
Robert J. Joplin, M.D.
Eugene E. Record, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery
William N. Jones, M.D.
John D. Leidholt, M.D.
Louis Nathan, M.D.
Morten Smith-Petersen, M.D.

UROLOGY

Acting Chief of Service
Sylvester B. Kelley, M.D.

Associate Visiting Urologist
Howard I. Suby, M.D.

Assistant Urologists
Walter S. Kerr, Jr., M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology
Saul M. Marcus, M.D.
Channing S. Swan, M.D.

OBSTETRICS

Obstetrician

Judson A. Smith, M.D.

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
G. Douglas Krumbhaar, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.

Dental Surgeons

George Christman, D.M.D.
Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
Edward L. Sleeper, D.D.S.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Charles W. Crowley, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Burton J. Gove, D.M.D.
Gilman W. Haven, D.D.S.
Henry D. Howe, D.M.D.
Frederick H. Kalil, D.M.D.
Owen W. Kite, D.D.S.
Julius J. Levitan, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
Herman B. F. Seyfarth, D.M.D.
Keith A. Shangraw, D.M.D.
Paul L. Sweet, D.M.D.
*George H. Sweetman, D.M.D.
Ralph D. Thompson, D.M.D.
Earl J. Waddington, D.M.D.
R. Ronald Wyman, D.M.D.

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*On leave of absence for military service

DEPARTMENTS

PATHOLOGY

Chief of Department
Benjamin Castleman, M.D.

Assistant Pathologists
Robert H. Fennell, Jr., M.D.
David Kahn, M.D.
Winfield S. Morgan, M.D.
*Robert E. Scully, M.D.
Edgar B. Taft, M.D.
*Austin L. Vickery, Jr., M.D.

Associate Visiting Pathologist
Ronald C. Sniffen, M.D.

Assistants in Pathology
Agnes S. Burt, M.D.
Richard B. Cohen, M.D.
‡David Spiro, M.D.

Neuropathologist
Raymond D. Adams, M.D.

Assistant Neuropathologist
Edward P. Richardson, Jr., M.D.

Clinical Pathologist
Francis T. Hunter, M.D.

Clinical Cytologist
Ruth M. Graham, B.S.

Consultant in Neuropathology
Charles S. Kubik, M.D.

Consultants in Forensic Pathology
William J. Brickley, M.D.
Michael A. Luongo, M.D.

BACTERIOLOGY

Visiting Bacteriologist pro tempore
Orjan T. C. Ouchterlony, M.D.

Assistant Bacteriologist
Lawrence J. Kunz, PH.D.

Consulting Bacteriologist
Louis Dienes, M.D.

RESEARCH CHEMISTRY

Biochemist
Fritz Lipmann, M.D.

Visiting Biochemist
Rosalind V. Pitt-Rivers, PH.D.

Assistant Biochemist
John D. Gregory, PH.D.

Assistant in Biochemistry
Robert S. Bandurski, PH.D.

*On leave of absence for military service
‡July 1, 1954

RADIOLOGY

Chief of Department
Laurence L. Robbins, M.D.

Radiologists
Milford D. Schulz, M.D. Stanley M. Wyman, M.D.

Associate Radiologist
Joseph Hanelin, M.D.

Assistant Radiologists
John F. Gibbons, M.D. Richard V. Wilson, M.D.

Engineer
Oliver E. Merrill, B.E.E.

Physicist
Edward W. Webster, PH.D.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

Assistant in Physical Medicine
William J. Shriber, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Contagious Diseases
Edwin H. Place, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultant in Traumatic Conditions
Augustus Thorndike, M.D.

Consultant in Medicine
Conrad Wesselhoeft, M.D.

Consultants to the Children's Medical Service
William Berenberg, M.D.
Stewart H. Clifford, M.D.
Louis K. Diamond, M.D.
Clement A. Smith, M.D.

Consultant in Surgery pro tempore
Sharad Chandra Misra, F.R.C.S.

Consultant in Anatomy
Robert M. Green. M.D.

Consultants in Physics
Robley D. Evans, PH.D.
John G. Trump, D.SC.

Consultant in Neuropathology
Charles S. Kubik, M.D.

Consultant in Neurophysiology
Alexander Forbes, M.D.

Consulting Bacteriologist
Louis Dienes, M.D.

ASSOCIATE STAFF

Clinical Associates in Medicine
Theodore L. Badger, M.D.
Alfred L. Duncombe, M.D.
John R. Graham, M.D.
David Littmann, M.D.
Sylvester McGinn, M.D.
Frederic B. Mayo, M.D.
Henry D. Stebbins, M.D.
Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.

Clinical Associate in Dermatology
Alan P. Freedberg, M.D.

Clinical Associate in Neurology
Jerome K. Merlis, M.D.

Clinical Associates in Children's Medicine
John G. Flynn, M.D.
Theodore S. Golden, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Marion L. Slemons, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Psychiatry
Morris H. Adler, M.D.
Samuel Kaplan, M.D.
Elliott H. Sweetser, M.D.
Jackson M. Thomas, M.D.

Clinical Associates in Surgery

Franklin G. Balch, Jr., M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
Stephen G. Jones, M.D.
Roy E. Mabrey, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
Lamar Soutter, M.D.
George S. Speare, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Richard H. Wallace, M.D.
Richard C. Webster, M.D.

Clinical Associates in Neurosurgery

Hannibal Hamlin, M.D.
Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associates in Urology

Emil J. Ganem, M.D.
Wyland F. Leadbetter, M.D.

Clinical Associates in Radiology

H. Peter Mueller, M.D.
Richard Schatzki, M.D.
Robert G. Vance, M.D.

Clinical Associates in Dentistry

Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.M.D.
Howard C. Reith, D.M.D.

CLINICAL ASSISTANTS

Medicine

Winifred P. Chase, M.D.
William B. Clapp, M.D.
Leonard W. Cronkhite, Jr., M.D.
Willard Dalrymple, M.D.
Irving H. Itkin, M.D.
John W. Keller, M.D.
Louis Kunian, M.D.
Raymond J. Savignac, M.D.
Gordon D. Winchell, M.D.

Dermatology

Lester J. Bienvenu, M.D.
Clito R. Damiani, M.D.
John J. D'Urso, M.D.
John L. Fromer, M.D.

Psychiatry

Jonathan B. Gill, M.D.
Robert T. Long, M.D.

Surgery

Benjamin A. Barnes, M.D.
Glenn E. Behringer, M.D.
John R. Brooks, M.D.
Chester J. Dexter, M.D.
James M. Doonan, M.D.
Eugene Guralnick, M.D.
Alfred T. Joseph, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Charles V. Menendez, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Rosemary T. Nelson, M.D.
Aram Roopenian, M.D.
Clarke Staples, M.D.
Melvin L. Taymor, M.D.

Urology

Germain J. Bouchard, M.D. James H. Kelleher, M.D.
George J. Warren, M.D.

Orthopedic Surgery

Williams Cochran, M.D. Nathaniel Gould, M.D.

Radiology

Anne R. O'Donnell, M.D.

Pediatrics

Thomas Frank, M.D.

HOUSE STAFF

Residents and Interns

As of January 1, 1954, with subsequent appointments

Medicine

Chief Resident: Frederick C. Goetz, M.D.

Residents:

Nathaniel J. Ehrenkranz, M.D.
James B. Field, M.D.
Stephen M. Krane, M.D.
Joseph Stokes, III, M.D.
Beverly W. Cobbs, Jr., M.D. —July 1
Herschel D. Collins, M.D.—July 1
William L. Morgan, Jr., M.D. —July 1
James A. Pittman, Jr., M.D. —July 1
Yang Wang, M.D.—July 1

Assistant Residents:

John T. Binion, M.D.
Beverly W. Cobbs, Jr., M.D.
Herschel D. Collins, M.D.
Thomas C. Hall, M.D.
Parker Heath, Jr., M.D.
William L. Morgan, Jr., M.D.
James A. Pittman, Jr., M.D.
Howard Rasmussen, M.D.
Kenneth J. Ryan, M.D.
John B. Thomas, M.D.
Yang Wang, M.D.
Zanvil A. Cohn, M.D.—July 1
Daniel D. Federman, M.D.—July 1
Howard S. Frazier, M.D.—July 1
Lamont W. Gaston, M.D.—July 1
David J. L. Luck, M.D.—July 1
Joseph R. Petranek, M.D.—July 1
Harvey D. Rothberg, Jr., M.D. —July 1
Donald N. Wysham, M.D.—July 1

Interns:

Charles G Barnett, M.D.
Zanvil A. Cohn, M.D.
Daniel D. Federman, M.D.
Howard S. Frazier, M.D.
Lamont W. Gaston, M.D.
David J. L. Luck, M.D.
Robert F Moore, M.D.
Stuart H. Mudd, M.D.
Joseph R. Petranek, M.D.
Harvey D. Rothberg, Jr., M.D.
Jan Wolff, M.D.
Donald N. Wysham, M.D.

Dermatology

Resident: Leon Reznick, M.D.

Assistant Residents:

Fa-Chi Dunn, M.D.
George F. Odlund, M.D.
Desire J. A. Rebello, M.D.
Herbert L. Kraut, M.D.—July 1
Setrag A. Zacarian, M.D.—Aug. 1

Neurology

Residents: Clare K. Marshall, M.D.
Pierre M. Dreyfus, M.D.—July 1

Assistant Residents:

Pierre M. Dreyfus, M.D.
Henry deF. Webster, M.D.—July 1

Psychiatry

Resident: Frederick E. Whiskin, M.D.

Assistant Residents:

Norman R. Bernstein, M.D.
Peter M. Tow, M.D.
Jule P. Miller, Jr., M.D.—July 1

Children's Medicine

Resident: Stanley Berlow, M.D.

Assistant Residents:

William D. Cochran, M.D.
Joseph J. M. McGovern, M.D.
George M. Perrin, M.D.
Robert B. Rosen, M.D.
Jack H. Rubinstein, M.D.—July 1
Edgar J. Schoen, M.D.
Richard B. Kearsley, M.D.—July 1
John F. Radebaugh, M.D.—July 1
Savitri Ramcharan, M.D.—July 1
Jane S. Rasmussen, M.D.—July 1
Samuel L. Katz, M.D.—July 1

Interns:

Ralph C. Darling, Jr., M.D.
Robert B. Kearsley, M.D.
John F. Radebaugh, Jr., M.D.
Savitri Ramcharan, M.D.
Jane S. Rasmussen, M.D.
Jack H. Rubinstein, M.D.
Thomas J. Whitfield, M.D.
Henry F. Zartman, M.D.
Robert L. Brent, M.D.—July 1
William R. Buchanan, Jr., M.D.—July 1
Barbara M. Orski, M.D.—July 1

Surgery

Residents:

Ernest S. Crawford, M.D.
George S. Richardson, M.D.

First Assistant Residents:

Richard A. Currie, M.D.
Sigurd B. Gundersen, Jr., M.D.
Robert W. Hopkins, M.D.
Russell M. Nelson, M.D.
Paul S. Russell, Jr., M.D.
James M. Shannon, M.D.
Weldon W. West, M.D.

Second Assistant Residents:

Richard C. Austin, M.D.
John F. Burke, M.D.
Robert C. Coe, M.D.
Edward Dunn, M.D.

Frank W. Garran, Jr., M.D.
Adolf L. Gundersen, M.D.
Walter M. Haynes, Jr., M.D.
Clement A. Hiebert, M.D.
John H. Kennedy, M.D.
Richard N. Kleaveland, M.D.
John D. Pitts, M.D.
Robb H. Rutledge, M.D.
Frederick G. Shaffer, M.D.
David B. Sheldon, M.D.
Jack E. Tetirick, M.D.
Eji Suyama, M.D.
Roger E. Wilcox, M.D.

Third Assistant Residents:

John D. Constable, M.D.
Richard R. Curtin, M.D.
Ira A. Ferguson, Jr., M.D.
Donald J. Glotzer, M.D.
John M. Head, M.D.
William H. Hendren, III, M.D.
Charles E. Huggins, M.D.
Benjamin B. Jackson, M.D.
John A. Malcolm, M.D.

Interns:

Edward L. Carter, M.D.
Harry B. Ditmore, Jr., M.D.
Edward L. Ferguson, M.D.
John A. Mannick, M.D.
Harold L. May, M.D.
Jens G. Rosenkrantz, M.D.
Edwin W. Salzman, M.D.
George D. Zuidema, M.D.

Neurosurgery

Resident:

Robert W. Mackie, M.D.

Assistant Residents:

Leland C. Brannon, M.D.
Herbert B. Locksley, M.D.
Federico Mora, M.D.
Bernard B. Stone, M.D.

Anesthesia

Resident:

Ernest A. Sneddon, M.D.

Assistant Residents:

James A. Flagg, M.D.
Ruth C. Haynes, M.D.
Mark R. Knapp, M.D.
Elizabeth A. Koppel, M.D.
Betsy A. Ledbetter, M.D.
Henning Pontoppidan, M.D.
Raymond D. Sphire, M.D.
James L. Vanderveen, M.D.
Albert Van Eerde, M.D.
Oscar B. Williams, Jr., M.D.
Norman W. Andrew, M.D.
—Aug. 1
Julie S. Crocker, M.D.—July 1
Leonard J. Rothfeld, M.D.—July 1
William K. Stephan, M.D.—July 1

Orthopedics

Residents:

Joseph B. Tanner, M.D.
Thomas L. DeLorme, M.D.
—April 1

Assistant Residents:

Paul Colokathis, M.D.
Thomas L. DeLorme, M.D.
John W. Hayden, M.D.
Verner S. Johnson, M.D.
William N. Jones, M.D.
Elliott B. Sweet, M.D.
Alexander L. Zaoussis, M.D.
Melvin J. Glimcher, M.D.—July 1
Richard A. Mayo, M.D.—Oct. 1

Urology

Residents: Thomas J. Mathieu, M.D.
Frederick G. Shaffer, M.D.—July 1

Assistant Resident: Frederick G. Shaffer, M.D.

Pathology

Acting Resident: Gordon D. Lazerte, M.D.

Assistant Residents:

Leonard Atkins, M.D.
Roy L. Byrnes, M.D.
Charles R. Campbell, M.D.
Hugh R. Dudley, Jr., M.D.
Fairfield Goodale, Jr., M.D.
Raymond A Justi, M.D.
Si-Chun Ming, M.D.
Alexander C. Ritchie, M.D.
Remedios K. Rosales, M.D.
Benjamin D. Canlas, Jr., M.D.
—July 1
Walter B. King, Jr., M.D.—July 1
Dean LaR. Moyer, M.D.—July 1
David B. Murray, M.D.—July 1
Richard J. Stenger, M.D.—July 1

Neuropathology

Resident: John O. Strom, M.D.—July 1

Assistant Resident: Betty Q. Banker, M.D.

Radiology

Residents: Wilma J. Canada, M.D.
Martin B. Levene, M.D.

Assistant Residents:

Fleming McConnell, M.D.
James A. Petersen, M.D.
Frederick S. Tomchik, M.D.
Julio Toriello, M.D.
Majic S. Potsiad, M.D.—July 1

Dental

Interns:

Joseph F. Cianciolo, D.M.D.
Jerome K. Walker, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Saul Aronow, M.D.
Christine T. Bothner-By, PH.D.
Geoffrey N. Chandler, M.D.
Jacques Y. Chatillon, M.D.
Louise Stone Clark, M.D.
Mandel Cohen, M.D.
John Denovian, M.D.
William S. Dingledine, M.D.
Allan St. John Dixon, M.D.
John G. Freymann, M.D.
Jacques O. Gagnon, M.D.
Joseph W. Gardella, M.D.
Georg J. Geyer, M.D.
Robert B. Giles, Jr., M.D.
Mahlon B. Hoagland, M.D.
John W. Irwin, M.D.
Elizabeth B. Keller, PH.D.
Robert B. Loftfield, PH.D.
Alden V. Loud
Jorge M. Martin, M.D.
John F. McGinty, M.D.
Mary N. McGovern, PH.D.

Donald M. Mitchell, M.D.
Marc P. Moldawer, M.D.
Kalervo A. Ohela, M.D.
Patrick A. Ongley, M.D.
*Maurice M. Pechet, M.D.
Sholem Postel, M.D.
Stuart Ragland, Jr., M.D.
William E. Reynolds, M.D.
Guillermo C. Sanchez, M.D.
Albert Schilling, M.D.
Michael C. Schotz, PH.D.
John T. Sharp, M.D.
Gordon B. Smith, M.D.
William D. Sohier, Jr., M.D.
Leonard B. Spector, PH.D.
Howard M. Spiro, M.D.
Kyle Y. Swisher, Jr., M.D.
Leopold H. Thaler, M.D.
Elbert P. Tuttle, Jr., M.D.
Kang Ming Wang, M.D.
Warren B. Weil, M.D.
Vaughn W. Westermeyer, M.D.

Dermatology

Daphne S. Anderson, M.D.
Len H. Andrus, M.D.
Yvon C. Baillargeon, M.D.
Nicholas J. Fiumara, M.D.
Julian J. Goodman, M.D.
Franz S. M. Herbst, M.D.
Raymond D. Manchester, M.D.

Psychiatry

Morris E. Chafetz, M.D.
Robert A. Cleghorn, M.D.
Chester C. d'Autremont, M.D.
William E. Fitzgerald, Jr., A.B.
Pierre Johannet, M.D.
Robert Kagan, M.D.
John H. Lamont, M.D.
Theodore O. Macklin, A.B.
Norman M. Prentice
Nancy Rollins, M.D.
Gershen Rosenblum, M.D.
William Sharpe, Jr., M.D.
Robert B. Sloane, M.D.
Ruth S. Weiss, M.D.
Irving Wolf, PH.D.
Joseph M. Zucker, M.D.

Children's Medical Service

Winston E. Cochran, M.D.
Walter R. Eberlein, M.D.
Shepard C. Ginandes, M.D.
Peter L. Hurst, M.D.
John J. Hutchings, M.D.
Robert M. Todd, M.D.

Physical Medicine

Garnet J. H. Colwell, M.D.
George W. Geiss, M.D.
Wesley G. Woll, Jr., M.D.

Neurology

John S. Barlow, M.D.
Max P. Dondey, M.D.
George H. Gray, Jr., M.D.
Albert Heyman, M.D.
Andrés Rosselli, M.D.
Rhett Talbert, M.D.
John N. Walton, M.D.

Surgery

George S. Bascom, M.D.
Hermes C. Grillo, M.D.
Otteinrich A. M. J. Hase, M.D.
Winifred Liu, M.D.
Charles L. Minor, M.D.
Athol G. Riddell, M.D.
Anne Wight, M.D.

*Leave of absence

Neurosurgery

Teruyoshi Hashiba, M.D.
Theodore F. Hueter, PH.D.
Alfred J. Luessenhop, M.D.
Vernon H. Mark, M.D.
Heinz R. Schroeder, M.D.

Anesthesia

William R. Brewster, Jr., M.D.
George Eisenman, M.D.
Joachim S. Gravenstein, M.D.
Louis C. Lasagna, M.D.
Henry Neiditsch, M.D.
Eric Nilsson, M.D.
Nils Normann, M.D.
Kurt F. Schmidt, M.D.
Edith Simandl, M.D.
Albert VanEerde, M.D.
Thorkild Waino-Andersen, M.D.

Pathology

Gordon D. Lazerte, M.D.
Robert M. O'Neal, M.D.

Radiology

Rodney H. Foss, M.D.
Charles Gaylord, M.D.
Adil O. Icgoren, M.D.
*Paul M. G. St. Aubin, M.D.
William M. Tait, M.D.
Chiu-chen Wang, M.D.

Biochemistry

Arnold F. Brodie, PH.D.
Albert W. Frenkel, PH.D.
Lowell Hager, PH.D.
Helmut Hilz, PH.D.
Mary E. Jones, PH.D.
Janey Harting Park, PH.D.
Ernst Simon, PH.D.
Yale J. Topper, PH.D.

*Leave of absence

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 185.

The Ophthalmological and Oto-Laryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE & EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Director of Pathology Laboratory

Parker Heath, M.D.

Surgeons in Ophthalmology

Benjamin Sachs, M.D.
Paul A. Chandler, M.D.
William P. Beetham, M.D.
Virgil G. Gasten, M.D.
Trygve Gundersen, M.D.
Merrill J. King, M.D.

Associate Surgeons in Ophthalmology

David G. Cogan, M.D.
Brendan D. Leahey, M.D.
Hugh C. Donahue, M.D.
Mahlon T. Easton, M.D.

Assistant Surgeons in Ophthalmology

Harry E. Braconier, M.D.
Thomas Cavanaugh, M.D.
A. William Collinson, M.D.
Edward E. Covitz, M.D.
Paul G. Haire, M.D.
Carl C. Johnson, M.D.
Sumner D. Liebman, M.D.
S. Forrest Martin, M.D.
Henry A. Mosher, M.D.
Abraham Pollen, M.D.
Karl Riemer, M.D.
Earl S. Seale, M.D.
Albert E. Sloane, M.D.
Garrett L. Sullivan, M.D.

Assistants in Ophthalmology

Henry F. Allen, M.D.
D. Robert Alpert, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
Julian F. Chisholm, Jr., M.D.
Joseph M. Clough, M.D.
Thomas P. Cronin, M.D.
Edwin B. Goodall, M.D.
W. Morton Grant, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.
John M. Hill, M.D.
Joseph J. Lo-Presti, M.D.
Charles H. MacLaughlin, M.D.
Irwin T. Mancall, M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Richard B. Pippitt, M.D.
Charles D. Regan, M.D.
Paul M. Runge, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Robert R. Trotter, M.D.
Francis J. West, M.D.
M. Wayne Woodard, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology

LeRoy A. Schall, M.D.

Surgeons in Otolaryngology

Philip E. Meltzer, M.D.
Robert L. Goodale, M.D.
Francis L. Weille, M.D.
Charles I. Johnson, M.D.
Maurice G. Evans, M.D.
Vincent J. Kelley, M.D.
Charles H. Allman, M.D.

Associate Surgeons in Otolaryngology

Walter J. E Carroll, M.D.
John R. Frazee, M.D.
Joseph Lentine, M.D.
Burton E. Lovesey, M.D.
J. Charles Drooker, M.D.
Herman J. Sternstein, M.D.

Assistant Surgeons in Otolaryngology

Calvin M. Cerrato, M.D.
Elizabeth DeBlois, M.D.
George Kelemen, M.D.
Charles Kent, M.D.
Edward F. Lawlor, M.D.
Donald K. Lewis, M.D.
John E. McKeigue, M.D.
Daniel Miller, M.D.
Maurice Ruben, M.D.
Frank R. Shlossberg, M.D.
Bernard Zonderman, M.D.

Assistant Surgeon for Plastic Operations

Aram Roopenian, M.D.

Assistants in Otolaryngology

Herbert J. Dietrich, M.D.
Lawrence S. Hirsch, M.D.
Alfred T. Joseph, M.D.
Kenneth A. Kazanjian, M.D.
Joseph P. McEneaney, M.D.
Frederick J. McIntire, Jr., M.D.
George F. Reed, M.D.
William P. Rogers, Jr., M.D.
Alphonse L. Senecal, M.D.
Morris Swartz, M.D.
John C. Trakas, M.D.
Richard C. Webster, M.D.
Anthony Zovickian, M.D.

Surgeon for Bronchoscopy and Esophagoscopy

John R. Richardson, M.D.

Surgeon for Plastic Operations

Edgar M. Holmes, M.D.

Surgeon for Tumor Clinic

Carl H. Ernlund, M.D.

One Hundred and Fortieth Report of the Trustees

ANY one who is connected with a hospital such as the Massachusetts General is continuously impressed with the generosity and interest of its friends and the spirit and devotion of its staff. This combination can be counted on to further the threefold function of the Hospital—care of the sick, teaching, and research—and this year is no exception, for many things have taken place in the last twelve months which directly or indirectly benefit all three.

Bartlett Hall, the new nurses' residence, was opened with appropriate ceremonies on April 29. Providing modern and attractive housing for 155 of our graduate and student nurses, this building fills a long felt need, and has made it possible to dispense with antiquated and ill adapted quarters which for many years have been very costly to operate. More than half of the funds for the construction of the building came from a bequest in the will of the late Mary Bartlett Noyes (Mrs. James B. Noyes) in memory of her great grandfather the Reverend John Bartlett who was one of the first to see the need for a general hospital in Boston. The balance required to construct and equip the residence was contributed by many hundreds of friends of the Hospital including a most generous gift from the Godfrey M. Hyams Trust. This gift in memory of Isabel F. Hyams and Sarah A. Hyams was for furnishing and equipping the living room and all of the social rooms on the first floor.

Almost coincident with the opening of Bartlett Hall was the completion by the Metropolitan District Commission of the traffic arteries across Charles Street and much needed parking space then became available to our neighbors, ourselves and the Massachusetts Eye and Ear Infirmary. We are deeply grateful to the Commission for providing these facilities and are happy to report that cars are no longer parked on the Bulfinch lawn. A new lawn has now emerged, beautified by trees and shrubs given by our senior trustee John R. Macomber. It seems to us to look much better than ever before.

The Nobel Prize, perhaps the most coveted of all international awards, was this year awarded to a member of our staff, Fritz Albert Lipmann, Professor of Biological Chemistry at the Massachusetts General Hospital and a member of the Harvard Medical School Faculty. Dr. Lipmann takes half of the 1953 award in the field of physiology and medicine "for his discovery of co-enzyme A and its significance in the intermediary metabolism." The other half went to Professor Krebs of England for discovering the citric-acid cycle. Dr. Lipmann came to the Massachusetts General in 1941 and received an appointment to the Harvard Medical School faculty in 1944. We rejoice in the added distinction he has brought to the Hospital. While we do not doubt that a person of Dr. Lipmann's talents would have made his great discovery no matter where his experiments took place, it is a pleasure to record that one of the reasons for our new research building, which was opened in 1951, was to provide adequate space for Dr. Lipmann's work and laboratories.

We wish to express our profound thanks to the volunteers—nearly 500 in number—who give so generously of their time and interest to the Hospital, as well as to the many hundreds who help us financially—individuals, corporations and foundations. Though a list of these generous donors is to be found in the Treasurer's report, it will perhaps not be amiss to refer here to two unusual gifts. One was a gift of $136,000 from Mr. Edward Mallinckrodt, Jr., toward the endowment of the ward bearing his name. This ward, established in the 1920s and known as Ward 4 until 1949 when we were happy to name it Mallinckrodt Ward in recognition of Mr. Mallinckrodt's many benefactions, is perhaps the cradle of clinical research in the Hospital. We greatly appreciate Mr. Mallinckrodt's continuing interest and generosity. The other gift, obtained by Bishop Henry K. Sherrill, former trustee and chairman of the board of the Hospital, from an anonymous donor, was $350,000 for the new Pathology Building Fund. This magnificent gift added to contributions already received makes possible the completion of final plans for this greatly needed building.

We are grateful, and always will be, to the members of the Scientific Advisory Committee who interrupt their heavy sched-

ules elsewhere to come here for two days to give us the benefit of their wise counsel in research matters. Dr. Linus Pauling's three-year term having come to an end, we extend our sincere thanks to him and feel we are to be congratulated that Dr. Paul A. Weiss, Professor of Zoölogy at the University of Chicago, was able to find the time to take his place. It was gratifying to us all that Dr. Herbert Gasser, a former member of the Committee, after a short interval was willing to come back for another term.

The celebration of Ether Day was held on Friday, October 16 with an address by Francis W. Hatch for the Trustees, and the awarding of service pins to doctors and employees by Dr. Clark. The Edward P. Richardson Memorial Lectures were given this year by Dr. Michael E. DeBakey, Professor of Surgery at Baylor University and Sir James Paterson-Ross of St. Bartholomew's Hospital, London. Dr. René J. Dubos of the Rockefeller Institute for Medical Research gave the first series of the Warren Triennial Prize Lectures.

Many people do not realize that McLean Hospital in Waverley is a part of the Massachusetts General and in effect constitutes the latter's department for the care of mental diseases. About three hundred new cases come to the McLean each year for treatment, more than one-half of which are voluntary admissions, and the average patient stay is approximately nine weeks. The McLean also makes a valuable contribution through its teaching and research programs, and the close co-operation existing between it and the Massachusetts General makes the work of each more effective. The biochemical laboratory at the McLean, with a staff of fourteen, is carrying on highly significant work in the fundamental biochemistry of the brain. The Director of the laboratory is greatly helped by a distinguished Advisory Committee of doctors and scientists.

The only change in the Board of Trustees was the appointment by Governor Herter in February 1953 of Dr. Arthur W. Allen, an outstanding surgeon and member of our active staff until his retirement a few years ago. Dr. Allen replaces Dr. Francis P. McCarthy who continues as a member of the Corporation. We warmly welcome Dr. Allen and record our appreciation of Dr. McCarthy's interest and four years of faithful service.

The death of Dr. Marius Smith-Petersen, formerly and for many years Chief of Orthopedic Surgery and more recently a member of our Board of Consultation, was a great loss to the Hospital. Distinguished in his profession throughout the world, he was known and warmly regarded by trustees and staff. His friends and former patients have established a fund in his memory to be used at the Hospital.

Dr. F. Dennette Adams, Dr. Henry H. Faxon and Dr. Maurice Fremont-Smith have been appointed to the Board of Consultation, and Dr. Leland S. McKittrick has been named to the newly created position of Consulting Visiting Surgeon. Dr. Benjamin Castleman was appointed Chief of the Department of Pathology, and Dr. Ellsworth T. Neumann was promoted from Executive Officer to Administrator of the Hospital. We record with sorrow the deaths of Dr. Richard H. Miller and Dr. Wyman Richardson, both members of our Board of Consultation.

We look to the General Director to report on many other things seen and unseen both outside and inside the Hospital, but it is a pleasure to note here that for the first time since 1936 the over-all operations of the Hospital did not end in a deficit. There is nothing in the present outlook to indicate that deficit years will be less frequent in the future than in the past. For example, the Hospital recently adopted the five-day forty-hour-week which involves considerable additional expense.

The Trustees express their appreciation to the administrative staff, physicians, surgeons, nurses and other personnel for their helpfulness and for their interest and devotion to the Hospital.

FRANCIS C. GRAY
PHILLIPS KETCHUM
For the Trustees

Report of the General Director

To the Trustees of the Masssachusetts General Hospital:

IT is an honor to submit herewith the report for the year 1953 and my fifth as General Director.

The outstanding event of this year, by all odds, was the sharing of the Nobel Prize in Medicine and Physiology by the head of our Biochemical Research Laboratory, Dr. Fritz A. Lipmann, Harvard Medical School Professor of Biological Chemistry at the Massachusetts General Hospital. This high honor to Dr. Lipmann honors also the Hospital and the Medical School. We join in congratulating Dr. Lipmann and in wishing him continued success and happiness. This event seems ample justification, if any be needed, for the strong and consistent support given by the Trustees and Staff of the Hospital to all our research work and, in particular, to basic research in the medical sciences. It encourages us to continue this support and to strive constantly to strengthen the position of the nonclinical investigators at the Hospital.

Another notable event of scientific interest in 1953 was the first award of the Warren Triennial Prize in the form of a lectureship. This year it was awarded to Dr. René J. Dubos of the Rockefeller Institute for Medical Research, who gave a series of five distinguished lectures in November on "Biochemical Aspects of Infection." These lectures were given in the newly opened auditorium of the Museum of Science and were attended by capacity audiences. This is the first occasion on which the Hospital has used this attractive auditorium, which is most convenient to the Hospital and has a capacity more than double that of any single gathering place in the Hospital itself. This association with the Museum proved to be most agreeable and we anticipate frequent use of the auditorium in the future.

Another professional matter of importance during the year was the appointment on July 17 of Dr. Benjamin Castleman as Chief of the Department of Pathology. The Hospital was fortunate indeed in having a man of Dr. Castleman's caliber to assume the difficult task of succeeding to the position held so long with distinction by the late Dr. Tracy B. Mallory. Dr. Castleman has the confidence and good wishes of all his associates.

Ad hoc committees labored through much of the year seeking new chiefs for urology, gynecology, and psychiatry, to succeed Dr. Colby, Dr. Meigs, and Dr. Cobb, who will retire shortly. No final recommendations had been made by the end of the year.

To furnish adequate experience in the management of newborn infants now that the Obstetrical Service has been suspended, an additional internship in Children's Medicine was established and arrangements were completed during the year with the Boston Lying-in Hospital to have our pediatric interns serve there in rotation. The Trustees also approved in principle the opening of a pre-natal and post-natal clinic in our Out-Patient Department in collaboration with the Lying-in Hospital, at which the actual deliveries will be performed. This new clinic, the first of its kind ever to be conducted at the Massachusetts General, should be ready for service shortly.

The year 1953 saw many changes in the physical plant of the Hospital. The most important single item was the opening on April 29 of Bartlett Hall, the new residence for student and staff nurses. This beautiful building is most comfortable, housing each resident in a separate, single room. There are bathrooms for every suite of three rooms; and on each floor there is an attractive lounge, with an open outdoor balcony, a kitchenette and a laundry (three of the latter have automatic washers and driers). There is a beautiful living room on the ground floor and on the roof a large recreation room with a sundeck around it. It is the first new residence for nurses built at the Hospital since 1913 when the Hospital had 25 staff nurses and 158 students as compared with 346 staff nurses and 417 students today. We hope that it will prove a valuable aid in recruiting and maintaining an adequate nursing staff.

A new front entrance and vestibule were constructed for the White Building. This was necessitated by the State's safety regulation prohibiting a revolving door in any hospital. Through the generosity of the Nathaniel and Elizabeth P. Stevens Foundation, we were able to provide this entrance with automatic opening and closing equipment, thus greatly easing the difficulty faced previously by patients entering and leaving the building in wheelchairs or on crutches. Also with aid from the Stevens Foundation, a new and modern incinerator was constructed.

The old one, which was built in 1900, had long ceased to meet the needs of the Hospital and had, in fact, become a serious fire hazard.

Great improvements were made in the Out-Patient Department where all floors were covered with asphalt tile, new lighting was installed throughout, and much redecorating in cheerful colors was carried out. New and comfortable furniture was ordered to replace many of the hard unattractive benches which had so long been characteristic of this and most other out-patient departments in this country. These changes are all in keeping with our belief that hospitals everywhere will have to pay increasing attention to the care of ambulatory patients if they are to provide adequate, modern medical service for the communities which they serve. The permanent improvements to the building will increase its value for future use as quarters for the School of Nursing, and possibly other educational functions when, as is now planned, the new out-patient and ambulatory clinic building is erected.

In keeping with changes in community functioning, new parking space was provided, not only by the area allotted by the Metropolitan District Commission for the joint use of the Massachusetts General Hospital, the Massachusetts Eye and Ear Infirmary and the Suffolk County Jail, but also by the demolition of six tenement houses owned by the Hospital, of one of the old City stables, and of the old Parkman Market House recently used as the Hospital's paint shop. It was with considerable regret that it was decided to demolish this last structure which, it is believed, was designed by Bulfinch and built in 1810. The building, however, had become so unsafe that very large expenditures would have been required to make it conform to safety regulations. Its beauty as an historical monument had, moreover, been seriously damaged by the demolition of almost one-third of it during the widening of Cambridge Street in 1925. The unique cupola was given by the Trustees to Francis W. Hatch who plans to preserve it on his property in Castine, Maine.

Three tenement houses on Parkman Street also were demolished and the ground where they stood was added to the Bulfinch yard. This yard, which was used for parking during the three years of construction of the Research Building and Bartlett

Hall, was fully restored and greatly beautified through the generosity of John R. Macomber.

The long held hope of the Hospital to acquire the property occupied by the Suffolk County Jail was given some encouragement by the appointment of a legislative commission to study this possibility. The commission found that there was no immediate practicable means for relocating the Jail, but it recommended that should the Jail be relocated in the future the Hospital be given top priority for the acquisition of the property. The commission also recommended that the legislature empower the Mayor of Boston to dispose of the Suffolk County Mortuary to the Hospital, when the Mortuary is no longer needed by the Medical Examiner; and in like manner to dispose of Fruit Street, North Grove Street, and the block of Parkman Street between North Anderson and North Grove Streets. It will no doubt be some time before these recommendations can be carried out, but they point the way toward an ultimate extension of the Hospital's property all the way to Cambridge Street.

Planning by the Urban Redevelopment Section of the Boston Housing Authority for a major redevelopment of the entire West End went forward rapidly during the year. Should these plans be realized, it is expected that the Hospital will benefit from much additional parking space and from apartment houses specifically designed for staff nurses, married interns and residents, and other Hospital employees.

The fiscal year, which closed September 30, did not end with a deficit, I am happy to report. This is particularly gratifying in view of the fact that the Hospital's rates have not been increased since December 1951. With the introduction of the 40-hour week for all employess on October 1, however, we are obliged to anticapte renewed financial problems in 1954. It is difficult to assign any single event as the reason for this year's financial success. Certainly improved efficiency and economy account for it in some degree. Efforts in this direction were much stimulated by the collaboration of the Boston Chapter of the Society for the Advancement of Management with a number of Boston hospitals in promoting a widespread work-simplification program. Two Assistant Directors, Henry J. Murphy and Edmund R. Mattos, attended a six weeks' summer school on work simplification techniques, and five department heads at-

tended a shorter institute in September on the same subject. We are looking forward to still greater improvements in the Hospital's functioning as a result of this special training.

Another major factor in the financial picture was increased occupancy. This, we believe, was in part due to the improved and enlarged parking facilities, and in part to the introduction of a more flexible admitting policy under which patients are more freely "boarded" from one unit to another than was previously possible. As a result of this policy, the admission of but very few patients of any type had to be denied or even postponed during the year.

Other functional changes continued to point toward the development of the Hospital as a community health center for all economic groups. For example, the Family Health Service, including home visits by physicians and nurses, was advanced by a generous gift from the Hyams Fund. It has now been functioning for children for two years, and it is expected to be open to adults also during 1954. A reorganization of the Out-Patient Department was begun under the leadership of another Assistant Director, E. Michael White. This will be stimulated greatly during 1954 by the return from military service of Dr. John Stoeckle who will assume the first full-time position for a member of the staff in the Out-Patient Department.

Other developments leading toward the same goal were the admission, for the first time, of private patients to the Hand Clinic and the Occupational Medical Clinic, and an arrangement with a large local industrial concern by which some sixty of that company's top executives were provided with complete health examinations. Several other firms have approached the Hospital for the same kind of service and it seems very likely that, as time goes on, the care of private ambulatory patients on a contract basis will very much increase.

On September 1, Dr. Ellsworth T. Neumann, formerly Assistant Director and Executive Officer, was appointed to the position of Administrator of the Hospital.

During the year two new Assistant Directors were appointed, E. Michael White and Frederick D. Foster.

Professor Paul A. Weiss has agreed to serve as a member of the Scientific Advisory Committee.

In November Edward W. Webster, Ph.D., from England, was appointed Physicist; Rosalind V. Pitt-Rivers, Ph.D., also from England, was appointed Visiting Biochemist for one year, and Dr. Sharad Chandra Misra, Professor of Surgery from Lucknow, India, was appointed Consultant in Surgery pro tem.

In September Miss Marjorie L. Shea joined the Hospital's administrative staff in the position of Associate Community Relations Consultant.

Dr. Thomas F. Paine, Jr., who had been connected with the Hospital since 1948 and who has been Chief of the Department of Bacteriology since March 1952, resigned in September to accept a position as Associate Professor of Bacteriology and of Medicine at the University of Michigan Medical School, Ann Arbor, Michigan.

Having reached the retiring age, Dr. Eli C. Romberg, who had served the Hospital since 1924 in the positions of Assistant Physician and Associate Physician to the Children's Medical Service, retired on June 30.

Dr. F. Dennette Adams, a member of the staff since 1925 and serving in the various grades of the Medical Department, retired from the position of Physician on June 30, and was appointed a member of the Board of Consultation.

Dr. Joseph Garland, Physican to the Children's Medical Service, and a member of the hospital's staff since 1921, retired on June 30, and was appointed to the Board of Consultation.

Also having reached the retiring age, Dr. Leland S. McKittrick, a member of the surgical staff since 1923, was appointed to the newly created position of Consulting Visiting Surgeon.

It is with great sorrow that we record the following deaths during the year:

Dr. E. Lawrence Oliver on June 12. Dr. Oliver had been Chief of the Department of Dermatology and Syphilology and previous to his death was a member of the Board of Consultation and Honorary Physician.

Dr. Marius N. Smith-Petersen on June 16. Dr. Smith-Petersen had served as Chief of the Orthopedic Service for over sixteen years and since 1946 as a member of the Board of Consultation.

Dr. George Clymer on August 4. Dr. Clymer served as a Neurologist for twenty-four years and previous to his death was a member of the Board of Consultation.

Dr. Channing C. Simmons on August 15. Dr. Simmons was first appointed a member of the staff in 1903 as Assistant Surgeon and served the Hospital continuously in advancing grades until 1938, when he was made a member of the Board of Consultation. During the war years he returned to serve in the Tumor Clinic, and previous to his death was Honorary Surgeon.

DEAN A. CLARK, M.D.,
General Director.

Annual Report of the General Executive Committee 1953

A large part of the work of the General Executive Committee is the examination of credentials for appointments to the professional staff of the Hospital. This is an important but routine assignment and will, therefore, not be elaborated upon in this report, but mentioned as a piece of work taken seriously. In addition to the staff appointments there are a great many temporary appointments as clinical or research fellows. These men who come for instruction and experience have increased greatly in number in the last years; this year there were 96 from 33 different countries. It is apparent that the Massachusetts General Hospital has become an important international center for postgraduate training.

For some time it has been apparent that a number of the staff members who retire because of age would like to continue teaching and are perfectly able to do so. It was, therefore, recommended to this Committee that new positions be created with the titles: "Consulting Visiting Surgeon" and "Consulting Visiting Physician." This seemed a good way to make use of a number of our seasoned teachers, appointing them from year to year and giving them special assignments. On March 18 it was recommended that Dr. Leland S. McKittrick be appointed Consulting Visiting Surgeon.

It was also recommended to the Trustees that the chief of any service may be permitted to ask any member of the Board of Consultation to take part in general hospital activities in connection with teaching, provided that this does not interfere with the assigned activities of regular staff members.

In relation to teaching and research it was pointed out on March 11 that there was a need to establish departmental budgets. These were to provide a permanent backlog of financing upon which could be superimposed the special grants by which so much of our research is now financed. It was agreed that such

budgets are an acute need, but since a campaign was being started by the Hospital for capital funds for research and education, that it would be best to wait until the results of this drive were known. At that time the question of departmental budgets should again be brought up.

The large amount of research going on in the Hospital raises a number of questions as to the ethics of trying new procedures and tests upon patients. For example a request was made in August for permission to use heparin to note its effect on the electrophoretic pattern of plasma proteins. This appeared to be a procedure without risk and it was, therefore, approved by the Committee, provided the patients gave permission and were aware of the fact that this was an experimental procedure. It was pointed out by the Committee, however, that approval of this request did not apply to all similar situations, but that each must be brought up individually to the attention of the chief of service; he could then bring it up to the General Executive Committee if he wished advice or support. Another example was the diabetic survey which was asked for by the United Community Services. In December a still more difficult problem was brought up by the Neurosurgical Service. They had two patients with extremely vascular tumors of the brain who needed operation but who might well die if the new technique of hypothermia were not used during operation. This was admittedly an experimental procedure, but without operation the outlook seemed to be hopeless. The Committee discussed the various aspects of the situation and agreed that the chief of the service should be free to carry out the suggested procedure if he believed that there was a reasonable chance of benefiting the patients. There was much discussion of the terms: "reasonable chance" and "therapeutic intent." It was decided that no general rule could be made, but that each case should be left to the judgment of the chief of service with the responsibility upon him.

Early in the year the question of continuing an Obstetrical Service was discussed. The Committee agreed that it was desirable to have such a service in the Hospital and that it would be wise to reappoint the obstetrical staff as an interim arrangement until an active Obstetrical Service could be restored. Negotiations were carried out with the Boston Lying-In Hospital and

in August it was decided to establish a prenatal and postnatal clinic in the Out-Patient Department of the Massachusetts General Hospital in collaboration with the Boston Lying-In Hospital. The mothers were to be delivered at the latter hospital and the children taken care of in our Out-Patient Department. Consultants were to be appointed from the Departments of Gynecology, Children's Medicine, Medicine and Psychiatry. This arrangement will soon be in force and will serve to support our interest in obstetrics until the community need justifies opening an obstetrical ward.

As an example of the coördinating function of the General Executive Committee, it may be mentioned that in November the administrative director of the Out-Patient Department brought up the problem created by four separate units doing psychological testing, each of them examining, recording their examinations and charging the patients in their own way. It was obvious that this was a confusing arrangement and the chairman appointed a special committee to review the situation. This special committee met in December and recommended that there should be a centralization of psychological testing by a group of psychologists and psychology students. This group should be under the supervision of a committee representing the services of psychiatry, neurology, children's medicine and anesthesiology. An important part of this reorganization would be to obtain one or more mature psychologists who could evaluate research projects and advise with investigators as to the validity of their methods. It was decided to leave the details of this reorganization until the new chief of the Psychiatric Service was appointed.

There is a perpetual problem in a hospital like ours of keeping up good relationships with the referring physicians and with the medical profession in general. It is important to report to the referring physician concerning his patient. During the year this subject was brought up four times and suggestions were made which might improve the situation. In general, however, it was realized that the members of the house staff must be educated to realize that the referring physician is an important member of the team and one to be treated with courtesy and respect at all times, whether communication is by mail, by telephone, or personal, should he appear on the ward. It was

recommended that reporting be accelerated by sending a note of ackowledgement to the referring physician at the time the patient is admitted, saying that a report will be sent later.

Various other methods of improving the relationship with the profession were mentioned, such as the distribution to all the members of the Massachusetts Medical Society of announcements of conferences and meetings which take place at the Hospital. It was also thought wise for the chiefs of service and the heads of departments to try to accept requests for lecturing at various other hospitals and at medical societies when possible. It was realized, however, that these requests were frequent and that the chiefs were likely to be over-loaded. They were, therefore, advised to recommend younger members of their departments who could speak on such occasions.

In February the subject of reorganizing the Out-Patient Department was brought up. It was obvious that some immediate improvements were in order. It was impossible immediately to solve this problem because of its intimate relationship to the new plans for a building for ambulatory care of patients and to the Massachusetts General Staff Associates' proposed office building. The immediate solution was met by continuing the present part-time clinical head until January 1, 1954. At that time a full-time physician was to be chosen. A second step was the appointment of Mr. E. M. White as the Assistant Director in charge of the administration of the Out-Patient Department. At that time the main difficulty was that, with the irregular attendance of the visiting physicians, it was impossible to treat patients adequately in a reasonable time. A number of administrative changes were recommended to make the work of the visiting physicians more effective, such as the spacing of appointments, the prompt filing, pulling and delivery of records, and better admitting facilities and arrangements. The physical appearance of the Out-Patient Department has already been much improved by new lighting, by putting asphalt tile with large linoleum built-in signs on the floors, and by fresh, colorful paint. It is a major interest of the Hospital to increase and improve ambulatory care.

In April a revision of the proposal for the establishment of the Massachusetts General Staff Associates was made because of the doubts expressed about the first draft of this proposal.

This revised and simplified document has been given to the legal advisors of the Trustees and will shortly be submitted for final approval. In the meantime some changes have been made in the handling of patients in the Hospital which have a relationship to the ambulatory clinic and the Staff Associates. In the first place, in March there was a review of the status of permission to staff members to see a limited number of patients in their offices in the Hospital. This brought out the fact that permission had been granted to 20 physicians on the Medical Service, 8 on the Psychiatric, 6 on the Neurological, 6 in the Children's Medical, 1 in Dermatology, 10 in Surgery, 5 in Gynecology, and 4 in Neurosurgery. It was decided to make no radical change in these numbers and to bring up a few new cases as individual needs arose on the various services.

From the Out-Patient Department came a request to collect professional fees from certain patients in the Hand Clinic, where a group of particularly expert and interested surgeons met to consult over these cases, many of which are related to workman's compensation. It was decided that it would be an advantage to all patients to be able to have this service. They are to pay fees which shall be put into a pool and, after deducting hospital overhead, the net income is to be divided at regular intervals among the doctors working in the Hand Clinic.

The psychiatrists working on Burnham 7 with children brought up a special problem in relation to ambulatory patients. In their new offices and laboratories they have special facilities for the diagnosis and treatment of childhood behavioral problems. It was agreed that these facilities ought to be available for patients who could pay, as well as for those who could not. A plan to this effect was worked out and, after approval by the Out-Patient Department Committee, presented to the General Executive Committee. Because this proposal involved possible conflict with established privileges for seeing private patients at the Massachusetts General Hospital, final consideration was postponed, pending further study.

It was pointed out that the Thyroid Clinic in the General Hospital had established such an arrangement in 1950 and that a group of physicians in the Children's Medical Service had been seeing patients with fees pooled through the Baker Office since 1946. The new arrangement, therefore, was no problem

as to precedent, but it seemed that the variety of the arrangements was somewhat confusing and it was hoped that eventually more uniformity would be gained, perhaps under the aegis of the Staff Associates.

Another step in this field was taken when a large industrial concern requested the opportunity for their executives to have a comprehensive health appraisal at the Massachusetts General Hospital. The Trustees, on the recommendation of the General Executive Committee, authorized staff members to perform these examinations utilizing a suitable space in the Hospital, and authorized them to be paid for their services by the company. A letter explaining the project was sent to the entire staff. A coordinating physician was appointed to supervise the project. This health appraisal was successfully accomplished with the help of a number of staff members who offered to make themselves available.

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Report of the Committee on Research

THE outstanding event in the research field during 1953 was the award of the Nobel Prize in Medicine to Dr. Fritz Lipmann. Dr. Lipmann came to the Hospital in 1941, where he worked in the surgical laobratories for several years before being established in his own biochemical research laboratories. His fundamental work on energy derived from metabolic processes has already led to important reorientations in medical science.

The importance of the research carried out by Dr. Lipmann and other basic science investigators highlights the growing role of this type of research in a hospital environment. Indeed, the most perplexing and substantial problem with which the Research Committee has dealt during 1953 has been the future of investigators trained in basic disciplines such as chemistry, physics and physiology, who have been brought to the Hospital to collaborate on research carried out in one of the units devoted to the study of a particular disease.

With the increasing complexity of medical research it has been inevitable that physicians could not be adequately trained to undertake intricate laboratory work which required extensive training in one of these disciplines. Although this was apparent before World War II the growth of research which took place during and after the war, and the increasing amount of funds available to support it, accentuated this tendency. Basic science investigators have been attracted to the Hospital in increasing numbers so that at the present time there are more than a score of professionally trained research workers who may or may not possess an M.D. degree, but who devote their entire time to laboratory investigation.

For several years it has been realized that a number of problems are raised in this connection, and in 1952 a rank scale was established for this group of nonclinical investigators. This essentially consisted of a ladder of titles which would identify these investigators in terms of the basic disciplines in whch they had been trained; thus, no matter where a biochemist was working, his title would be Assistant Biochemist or Associate Bio-

chemist, or in the most senior position, simply Biochemist. The department to which he was attached was then appended in parentheses after this title. It was hoped that this arrangement would give a sense of cohesiveness between different investigators trained in the same basic discipline no matter where in the Hospital they were working. It has proved helpful, but it has not solved the major problems of long-range policy.

The Hospital has gained much from having these investigators working here on a full time basis. They contribute essential "know how" in complex situations where those with clinical training alone would have been unable to handle the problem. It has promoted a much closer liaison and exchange of ideas between different disciplines, such as between physics and chemistry or between biochemistry and physiology. The geographical proximity of these workers, often working on a common problem, means that such cross-fertilization is more frequent than is likely in a sprawling university environment. These investigators are much used not only by their own unit but also by all departments of the Hospital. It is thus possible for a physician, undertaking work in a new field, to have the most expert advice available to him in almost all basic science fields. It has also meant that much intricate apparatus which would normally not be readily available has been acquired for these investigators, so that almost any physical, biological, or chemical analysis which is needed in medical research is now available in the Hospital.

The problems which arise are those of the investigator himself. The most important is the uncertainty of his future scientific career. Having left the geographical location of the basic science department in which he was trained, he lacks a close and intimate relationship with other members of his own field. By others he is often considered to have left the academic field, and thus he may not be considered for some vacant academic post. On the other hand, his position in the Hospital is not secure, for in keeping with Harvard University policy the Hospital subscribes to the general principle that full time investigators should not be provided with a succession of temporary appointments for longer than eleven years. This means that at the end of this period the average basic science investigator is expected to have found another position. This may be difficult

in view of the fact that academic posts are generally not easily available to him. His leaving us at any time may jeopardize the success of a collaborative project which is the basis for his having come to the Hospital; and this, of course, is a matter of great interest to the Hospital promoting such collaborative arrangements as the basis for inviting these investigators to the Hospital.

The question, therefore, arises as to whether the Hospital can justly bring such investigators to work here unless satisfactory possibilities are provided for appointments during their mature years.

This is fundamentally a new problem primarily because of the increasing number of investigators who are entering into such arrangements. There will need to be extended and sympathetic discussions seeking for a solution of this dilemma on the part of the Hospital, the University and the individual investigator. A new idiom must be found to provide an optimal working atmosphere for these collaborative studies. Unlike their medical colleagues, basic science investigators do not have the alternative of entering into private practice as a source of permanent income when the period of temporary appointments expires. The principle must be maintained that such investigators have a sense of freedom to pursue whatever explorations are especially appealing to them, although at times they may not be directly related to the clinical interests of the research unit. Unless the proportion of free time for such purposes approaches that of his academic colleagues it will be impossible to attract superior men.

The Trustees are well aware of the financial instability of the basic science investigators in view of the shortage of hard money in the endowment of the Hospital to guarantee their salaries. Consequently, in 1953 a limited campaign to procure endowment funds for research and teaching was initiated as part of the ten-year plan to build a sounder financial base for these two activities at the Hospital. Although something under $200,000 was received during 1953, it is anticipated that generous and interested friends of the Hospital will add to this fund so that a few permanent positions at the Hospital for this type of investigator can be established.

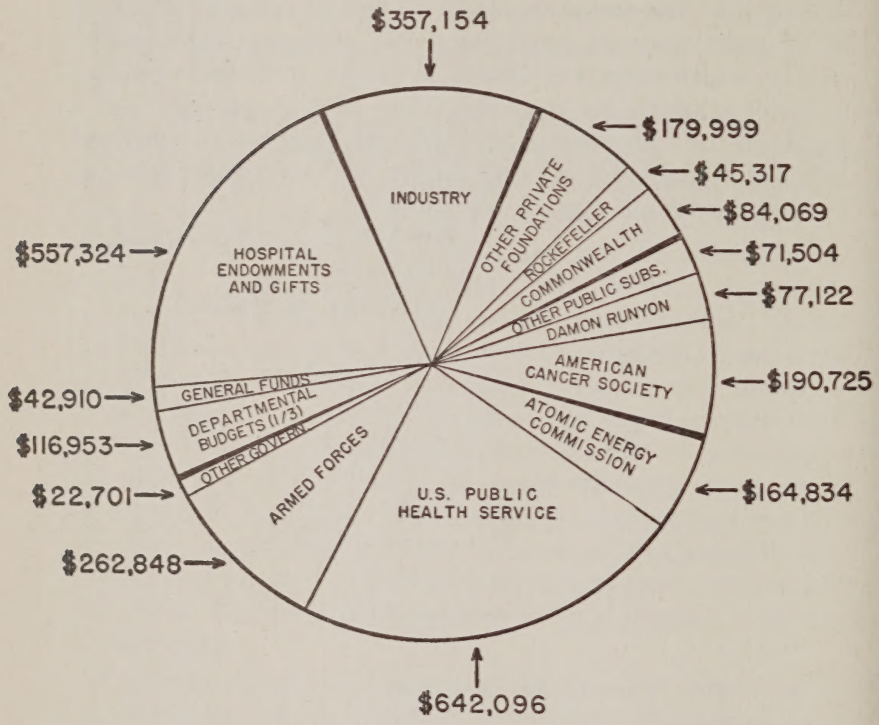
The Scientific Advisory Committee gathered for its annual meeting during the second week of December. At this time Dr. Paul Weiss of the University of Chicago, was welcomed as a new member.

During the year an endowment fund of $150,000 was contributed for the support of the Metabolic Ward by Mr. Edward Mallinckrodt, for whom the ward is named and who has contributed so much to the successful functioning of this ward for many years. The endowment will provide an income which will be of great value in maintaining this important investigative unit for which support is difficult to obtain from other agencies.

Funds available for research during 1953 are indicated on a graph on the following page. Although there was an increase in funds available for research during 1953 the actual funds expended showed no appreciable increase.

EDWARD D. CHURCHILL, M.D.
Chairman
Committee on Research

TOTAL MGH RESEARCH FUNDS - 1953
$2,815,556



MGH FUNDS	$2,335,802
HARVARD FUNDS	479,754
TOTAL	$2,815,556

Report of the Vincent Memorial Hospital

THE Hospital has finished another year devoted to the care of female patients, research and teaching of Harvard Medical School students, mostly in the field of gynecology.

The fiscal year-end was changed from December 31 to September 30 in order to conform to that of the Massachusetts General Hospital and of most hospitals in this area. Our current financial report (published in the separate Report of the Vincent Memorial Hospital), accordingly, covers the operations of only nine months, and to that extent appears to reduce the scope of our operations, the size of our gift from The Vincent Club and the number of gifts from others, several of whom have usually given in December.

Since September 30, 1953, the Hospital has received an additional $15,000 from The Vincent Club, making its gift for the calendar year, 1953, $35,000. We greatly appreciate the hard work and devotion of the officers and members of the Club required to provide this principal support of the Hospital.

The Hospital's expenditure for research in no way represents the total work performed by our staff in our laboratory. Our appropriation supports a minimum skeleton organization, which directs research projects financed by grants, three times as large as our appropriation, from foundations and other societies.

The addition to our laboratory announced in our last report is in full use, filling the need for which it was designed.

We welcome as Trustees Mr. Charles F. Hovey and Mr. George Putnam, Jr., elected at the 1953 Annual Meeting. Mr. Putnam is doing an excellent job as Treasurer. Mr. George Higginson, to whom as our Treasurer up to that meeting we are indebted, continues as a Trustee.

At our 1954 Annual Meeting, Mrs. Nelson W. Aldrich was elected President, succeeding Mrs. Henry McB. Parker, the first lady President of the Hospital and for years before that a devoted worker in its behalf. Mrs. Parker remains on the Board but felt that it was time for her successor in the office of President to take over. We congratulate Mrs. Aldrich on her election.

We remain indebted to our Director, Dr. Dean A. Clark, our Chief of Staff, Dr. Joe Vincent Meigs, to Dr. John B. Graham, Director of our Laboratory, to Mrs. Graham, Director of the Cytology Laboratory and to their associates on the medical and research staffs of the Hospital.

LOUIS CURTIS, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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Dr. Joe Vincent Meigs, *Chief of Staff*

Dr. Maurice Fremont-Smith
Dr. John B. Graham
Dr. Thomas H. Green, Jr.
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott
Dr. Fred A. Simmons
Dr. Howard Ulfelder

Dr. John B. Graham, *Director, Vincent Memorial Laboratory*
Mrs. Ruth M. Graham, *Director of Cytology Laboratory*
Miss Ruth E. Poules, *Supervisor of Nursing*

The Vincent Memorial Hospital

THE Vincent Memorial Hospital and the Vincent Memorial Research Laboratory have been busy with the problem of diseases of women, especially as they pertain to surgical methods, endocrinologic studies, and cancer treatment and research.

The Resident and House Staff have had the opportunity to carry out most of the usual gynecologic procedures and to learn the more radical operations for early and late malignant disease of the uterine cervix and body. The Out-Patient Department has been satisfactorily busy, but the large numbers of patients in these clinics has fallen because of the number of insurance plans in operation that have allowed the patients to be treated as private patients. However, with satisfactory Resident Staff interests and the daily presence of one of our Visiting Staff, the Gynecological Clinic has maintained a sufficient number of patients for teaching both the residents and the medical students. The Thursday Rounds have also helped in reviewing all the problems on the ward and have interested a great many visiting doctors.

In September a very successful two weeks Post Graduate Course in Gynecology, under the direction of Dr. Ingersoll, was given by our Staff and many interested physicians and gynecologists from other Boston hospitals. The doctors taking the course came from all parts of the United States and some from foreign countries. This course has been a fixture for the past few years and will be repeated next year.

The Service has been very busy with clinical research and a number of interesting papers have been written concerning the work which has been accomplished. All of us have done our share to review the material that has been available to us since the opening of the Hospital. One publication deserves special mention. Dr. Langdon Parsons, Professor of Gynecology at Boston University, who until recently was a member of our own Staff, and Dr. Howard Ulfelder have written an "Atlas on Pelvic Operations." Thoughtfully and simply written, it is illustrated by remarkable sequential drawings by Miss Mildred Codding. It ismplifies the teaching of gynecologic surgery and will be a great boon to the operating surgeon. The operations illustrated are those used in our Hospital and all are of proven value.

Members of the Staff of the Massachusetts General Hospital, as well as members of the Vincent Staff, have made use of Vincent III, for private patients. The original conception of the old Vincent Memorial Hospital was to care for patients with diseases of women so the private patients have ranged from those with fractures and circulatory disturbances to the usual gynecologic disorders. This concept of Gynecology is approved by the Vincent Memorial Hospital, the Massachusetts General Hospital and the Harvard Medical School. It appears much wiser than to limit the patients for study to only those with diseases of the female pelvic organs.

The laboratories have been very busy maintaining research into endocrinologic disorders, and for the first time a method has been found to assay accurately the interstitial cell stimulating hormone of the anterior pituitary gland. It is now possible to investigate the normal menstrual cycle in a way never before possible. This work of Dr. Janet McArthur is of basic value and seems to lead into a demand for more laboratory workers, space in the laboratory, and money.

The Director of the Vincent Memorial Hospital Laboratory, Dr. John B. Graham, and the Director of the Cytology Laboratory, Mrs. Ruth M. Graham, have continued their excellent researches into many facets of the cancer problem. It appears to most of us, after a study of their well-rounded concept of the attack, that a plan is being sufficiently developed to allow clinical use in the selection of patients for surgery or for radiation in cancer of the cervix. It is hoped that in addition to our own Hospital and the Radiologic Department, which has agreed to use the method, that other institutions in the Boston community will pool their resources in an endeavour to investigate and treat cervical cancer along the same lines. This concerted attack will be a wonderful community endeavour and should supply a sufficient number of cases to permit an early evaluation of the research study and its practical application.

The future of the Vincent Memorial Hospital is great and if the Hospital continues to grow in strength and reputation as in the past it will certainly satisfy its affiliation with the Massachusetts General Hospital.

JOE VINCENT MEIGS, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

DURING 1953 a different member of the Board visited at the Hospital once or twice a week. This continues to be our principal work. It seems to give pleasure to the patients, especially to those who are far away from home. Each month the Board places a small sum in a discretionary fund, which is administered by the Supervisor. This fund provides not only for holiday favors at Thanksgiving, Christmas, Valentine's Day and Easter, but also for special occasions and for small personal items that may be needed by individual patients. Although these may seem a minor part of hospital care, they have proved essential to the happiness and improvement of the patients.

At Mrs. Graham's request, one or two of the ladies of the Board helped in furnishing and decorating her new office, thus relieving her for her more important work.

Through the Board's recommendation to the Trustees, new linoleum flooring was laid in the solaria, which is a great improvement. It has made the solaria look more homelike, and it is being enjoyed by all.

The tea for the Provisional members of the Vincent Club was held in the Vincent Room in November. They were taken on a tour of the Hospital in which they seemed greatly interested. It is important that these girls know the Hospital, as it is they who solicit advertisements for the program of the Show, which is given for the benefit of the Hospital.

Each fall forty doctors come from all over the United States and from foreign countries to take a refresher course in gynecology at the Vincent Memorial Hospital. In September a tea was held in the Vincent Room for their wives in order to give them a chance to meet each other and to see the Hospital.

Several members of our Board are on the Ladies' Visiting Committee of the Massachusetts General Hospital. Other members are connected with the General Hospital in various ways. Mrs. Rackemann works several days a week in the Blood Bank, Miss Bartol is a volunteer serving in many different capacities,

Miss Elizabeth Rackemann works in the Social Service Department, and Mrs. Toulmin is a volunteer technician in the Vincent laboratory. The Board is represented also at the meetings of the Committees of Hospital Auxiliaries. At the coming annual meeting of the Massachusetts Hospital Association, Mrs. Thorndike will be the leader of the session on Auxiliary activities and fund-raising, and Miss Dorothy Rackemann will take part in the panel discussion on Volunteers in Hospital Auxiliaries.

We are fortunate in having Miss Ruth Poules as our new supervisor. She is coöperative and helpful to our Board, and is doing splendid work with the patients in the Hospital.

Respectfully submitted,
MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Report of the Department of Pathology

THE year will be remembered in the Pathology Department as the one when the trustees finally announced that the Building Fund of the Hospital had been adequately replenished to authorize the planning and construction of a new pathology laboratory. At the present writing Dr. Edgar B. Taft, one of our assistant pathologists, is devoting half his time to the planning of the building. It is expected that ground will be broken in 1954.

Clinicopathological correlation research this year involved many cardiovascular problems. In collaboration with members of the Cardiac Laboratory, Dr. Wilbur A. Thomas, while pathology resident and later as a fellow of the National Institutes of Health, completed studies on the significance of the myocardial Aschoff body in the left auricular biopsy. He produced more evidence for Drs. Castleman and Bland's thesis that many of the cases of so-called Ayerza's syndrome may be the result of latent pulmonary embolization; and he collected a series of cases with endocardial fibroelastosis in the adult and proposed that they were congenital in origin and similar to those seen in the infant. After three years in the laboratory, Dr. Thomas left to join the department of pathology at Washington University, St. Louis. All of us were sorry to see him go.

Histochemical studies of endocrine glands have expanded. Dr. Agnes Burt continues to find new correlations between certain types of the basophil cells of the anterior pituitary and various endocrine conditions, such as cretinism, Klinefelter's syndrome and Addison's disease. In collaboration with Dr. Joseph T. Velardo, of the Zoölogical Department at Harvard University in Cambridge, she is attempting to correlate bioassays of human pituitaries with their histological appearance, hoping eventually to assign certain functions to specific cell types. Dr. Richard B. Cohen, formerly resident pathologist and now a research fellow, has been applying various techniques to the adrenal glands removed surgically from patients with hypertension, Cushing's syndrome and neoplastic disease. The results in the Cushing syndrome cases show histologic criteria

which suggest adrenal stimulation. With Drs. Ronald Sniffen and Fred Simmons, Dr. Cohen has begun a histochemical study of the testis in sterility problems and other conditions. Changes in the testis characteristic of post pubertal pituitary suppression have been observed in patients with advanced liver disease. A histochemical method for the demonstration of acetylcholinesterase is being utilized in the study of striated, cardiac and skeletal muscle; the study of the normal distribution of this enzyme is about to be completed, and its distribution in disease, particularly myasthenia gravis and myocardial disease, is being undertaken.

Drs. Robert H. Fennell, Taft and David Kahn have continued their research projects in connection with the gynecological, Huntington and arthritic groups respectively. Dr. Winfield S. Morgan, after having spent a year at Oxford in the cytology division of the zoölogical laboratory, is continuing his studies on the Golgi apparatus in mouse pancreas homogenates and observing the effect of the Coxsackie virus on the Golgi network. With Dr. Castleman he completed a study of a group of enlarged salivary glands in which specific criteria for a diagnosis of Mikulicz's disease, a benign condition, were described.

In May the laboratory added the Lawrence Memorial Hospital in Medford to the small group of suburban hospitals that it furnishes with pathology service.

With so much emphasis being placed on the training of foreign physicians, it is interesting to note that of the 96 foreign physicians at the Massachusetts General Hospital in 1953, 6 were located in the pathology laboratory—3 as residents and 3 as clinical fellows. They are from China, the Philippines, New Zealand, Guatemala, Colombia and Brazil.

The statistics of diagnostic examinations follow:

	1952	*1953*
Autopsies performed	727	784
Percentage on cases dying in MGH	63—	65—
Surgical specimens	10,017	10,842
Microscopic preparations (ten periods)	44,619	63,734
Cytologic smears examined	8,875	8,737

BENJAMIN CASTLEMAN, M.D.
Chief,
Department of Pathology

Report of the Medical Laboratories of the Collis P. Huntington Memorial Hospital

IN the annual report for 1952 emphasis was placed upon the study of cancer in the human being because methods for valuable work in this field are now readily available. This year the fundamental mechanisms involved in cell growth and activity will be stressed because so much progress has been made along these lines recently.

In the last few years the chemical dissection of cells has become a reality and the mechanisms by which cells function and grow are rapidly becoming clearer. Such work can be done with the intact cell, the cell preserved only by freezing, or with a homogenate produced by breaking the cell apart and dividing its contents into separate components by varying speeds of centrifugation. Homogenates have the advantage of being a chemical mixture not confined by intact cell walls. The difficulties of duplicating the beautiful chemical reactions produced by intact cells are rapidly being overcome, so that homogenates now afford a developing opportunity for analyzing the reactions which sustain life.

Dr. Zamecnik and his group have been utilizing such homogenates to continue their studies on the building of proteins. By homogenization and fractionation of rat liver, he and Dr. Keller can incorporate amino acids, tagged with radioactive carbon, into proteins. Incorporation occurs at a good rate and mainly into the protein of the fraction which is rich in the tiny cell particles called microsomes, although the soluble fraction of the cell and an energy donor (ATP) must also be present. On addition of increasing concentrations of an amino acid, a saturation level is reached at which there is no further increase in the incorporation. There is no competition between the various amino acids. Simultaneous addition of two or three labeled amino acids, each one at or above its saturation level, gives an additive labeling of the protein. This system is now in a posi-

tion to be applied to the problem of growth regulation in cancers such as the rat hepatoma.

In the same group of workers, Dr. Loftfield is investigating the synthesis of a specialized iron-bearing protein, ferritin, which is also made in the liver. This compound is involved in blood hemoglobin, can be labeled with the radioactive amino acid, leucine, and isloated from liver tissue. Thus the place of origin and speed of production can be explored in normal and neoplastic liver tissue. Whether the anemia found in cancer patients has this reaction as its origin can now be explored.

Dr. Spector's work is involved in the intricate mechanism by which the nucleic acids of the body supply the energy necessary to build amino acids into proteins. He has established a neat reaction by which constituents of nucleoproteins can have an acetyl group added to them, a group which can be spontaneously transferred to other compounds with the liberation of the energy necessary for protein synthesis.

Dr. Hoagland has come back to the laboratory after two years of study in Copenhagen with Dr. Linderstrom-Lang, and with Dr. Fritz Lipmann. He is engaged in investigating another enzyme and energy problem using the well-known adenosine triphosphate in homogenized cells.

This group of able young investigators is progressing well with this extremely difficult problem, which is as fundamental as any in analyzing how the energy is derived which is used in the functioning and dividing of living cells.

Much work is in progress on the effects of radiation because of its marked influence on tumor growth, as well as its universal importance in relation to atomic energy. The rat "Yoshida" tumor is commonly employed in this work in our laboratory, for the cells are separate and free in peritoneal fluid, and hence relatively easy to count and analyze.

Dr. Gardella is primarily engrossed in this work and he also is focusing on nucleic acids and enzymes. Near completion are his experiments with irradiated Yoshida sarcoma, demonstrating that nucleic acid content per cell is not altered within 48 hours by twice lethal doses of radiation. Previous studies, harassed by the difficulty in assessing cell number, have been contradictory, whereas these results are based on easy and accurate enumeration of cells. A greater decrease in cell number than

in volume, coupled with visible increase in cell size 24 hours after radiation, suggests that the decreased concentration noted by others is due to an increase in cell water.

Also nearing completion are studies in nucleic acid turnover based on determination of the specific activity of radioactive intracellular inorganic as well as organic (nucleic acid) phosphorus. In addition, incorporation rate is measured during comparable periods before and after radiation in the same tumor thereby obviating inherent metabolic differences in control tumors. Conversely to Hevesy's observation with other tissue, studies thus far have failed to demonstrate any significant alteration in the incorporation of P^{32} into nucleoproteins of the Yoshida tumor. Likewise coenzyme A, *in vivo* and *in vitro,* also resists large doses of radiation in Dr. Gardella's experiments when it is present at high level. He is now preparing coenzyme A-deficient animals for study.

Further investigation by Dr. Freymann indicates that the inhibition of cell division which is the earliest obvious effect of radiation on the Yoshida tumor cells probably has little to do with the delayed inhibition of tumor growth. Another prominent cytologic effect of radiation, chromosome breakage, is probably more closely associated with this long range effect. Even so, these workers find that chromosome damage of severe degree is not necessarily fatal to the cell, and the cell can not only divide to produce two damaged daughters but these may also divide again through an undetermined number of generations.

The effect of repeated radiation is also being studied. While 400r will reduce cell division to zero in an hour, repetition of the same dose 24 hours later, when mitotic rate is back to normal, will reduce mitosis somewhat, but nowhere nearly as much as the first dose. The significance of this is still unknown.

Preliminary experiments have failed to find in the cell-free ascitic fluid of a heavily radiated rat a "humoral factor" which will produce radiation effects in an otherwise untreated tumor.

With Dr. Farahe Maloof, Dr. Freymann studied the effect of external radiation on thyroid growth. Total body radiation, 400r, had no effect on the normal thyroid, but in the thiouracil-fed rats it prevented the characteristic hypertrophy of the cells and diminished the frequency of cell division.

Dr. Schilling is also analyzing the effect of the thyroid gland on tumor appearance, development and growth.

Dr. Hall found no effect of radiation upon the microscopic histochemistry of ascites tumors or the ionic composition in doses sufficient to alter mitosis (Dr. Hall and Dr. Freymann). Dr. Hall found, however, that such doses do produce an increase in the activity of the enzyme succinic dehydrogenase, and a fall in the intracellular amino acid content of the cells.

Another group of investigators, Dr. Scott and Dr. Taft, have continued their development of quantitative histochemical methods. At present they are studying the alteration of phosphate-containing compounds and enzymes associated with phosphate metabolism during butter-yellow carcinogenesis in the rat liver. These analyses are carried out on single sections 10-20 microns thick which are cut from cylinders of fresh frozen tissue 3-5 mm. in diameter. In the course of the work last year it became evident that analyses on even smaller areas would be most helpful. Accordingly, technics have been devised by which a portion of the dried section containing an area of altered morphology is dissected free, weighed on a quartz fiber balance constructed in this laboratory, and placed in a micro test tube for subsequent analysis. Their routine quantitative technics allow the use of as little as 10 micrograms dry weight of liver (5 micrograms of protein). They are now using these handsome new methods to accumulate data on normal and neoplastic tissue. Arrangements have also been made to collect biopsy and surgical tissues to which the technics described above will be applied in a study of the influence of steroid hormones on carcinoma of the human breast.

Dr. Bucher and her group have continued to search for possible mechanisms regulating tissue growth, and the problem has been approached at both the *in vivo* and *in vitro* levels. Previous reports have described their elegant evidence which indicates that mitosis in the liver can be stimulated by biochemical alterations in the blood for 1) in parabiotic rats partial hepatectomy in one partner is followed by a rise in mitotic rate in the liver of the other partner, and 2) in rats subjected to plasmapheresis an increase in liver mitosis occurs after 48-72 hours of plasma depletion. The common feature of these experiments is that both increase the functional load on the

liver. By overloading the liver in another way, by intravenous infusions of bile into normal animals, early results suggest that after 48 hours the mitotic rate in the liver is increased. The purpose of these experiments is to find and categorize the kinds of stimuli that elicit an increased rate of cell division. So far the results indicate that they are organ-specific, for increased cell division in one organ is not accompanied by a similar reaction in other organs.

Last year this group of workers reported the preparation of cell-free homogenates of rat liver capable of incorporating labeled acetate into cholesterol, a fundamental reaction of great importance that had not previously been demonstrated to occur in the absence of intact cells. They have now studied the variables involved in setting up these preparations and worked out the optimal conditions. Their early efforts to find in what structural elements of the cell the activity resides seem to indicate that the nuclei and mitochondria are not essential; the microsomes and soluble constituents are active in combination but not separately. This is pertinent to our fundamental problem of abnormal growth since synthesis of protoplasmic constituents is a prerequisite for growth.

The last annual report stressed the interesting clinical and laboratory investigations of the group who are occupied with the inter-relationships of cancer growth and the internal secretions. Headed by Dr. Nathanson, the analytical studies are directed by Dr. Engel with the help of Dr. Baggett. The major laboratory effort continues to be directed toward delineating the excretion pattern of the important individual steroid compounds by the beautiful micro-technics developed here. The study can be made more nearly complete now because they have devised a satisfactory method for determining steroid alcohols, a component which has been neglected in the past because of lack of analytical technics. The work will reveal more of the fine structures of the metabolic pathways of this complicated group of compounds, and indicate how they are affected by cancer and other diseases. This is slow work at best, but is progressing well and is in very capable hands.

Since the last report further patients have been observed in regard to accumulation of radioactive potassium in breast tumors. Dr. Baker finds that, like many tests, this technic has an

error of about 25 per cent in missing malignancy. A high accumulation appears to establish neoplasm but a lower concentration does not rule it out. He is using the method, however, to try to demonstrate objectively the degree of response of different tumors to treatment by hormones and X-ray, rather than as a diagnostic method.

Dr. Baker and Dr. Sohier continue to study the cause of anemia in cancer patients. It does not appear to be due to abnormal blood destruction.

The group devoted to clinical studies continues their meticulous evaluation of metabolic processes in cancer patients, and the influence of endocrine therapy. Five patients with cancer of the breast were followed for long periods in the metabolic ward — both with and without endocrine treatment. Of course this is a cooperative problem in which the analyses are made in our laboratories, so that many workers concentrate on one patient.

Evaluation of the newer drugs for treating cancer is being actively pursued on hospital patients. Compounds now available have effects on only certain types of tumors and appear to have little effect on other types of tumors. This suggests that tissues are so differentiated and specialized that they will not respond to the same stimuli. It will take time to determine whether the rapid cell division of cancer can be influenced by any one procedure. An agent which will influence tumor growth of all types has not been uncovered, although this is the type of reaction which is so sorely needed, and for which we are constantly seeking.

The problem of growth of deer antler still interests us. Drs. Hall and Taft are eventually succeeding in keeping pituitarectomized deer in good condition in order to see the effect upon antler growth. By means of radioactive calcium they continue to study the migration of bone salts from bone to the antlers, and are also pursuing the effects of hypervitaminosis A upon antler growth and on the bones of these animals.

Last year's report stressed the high morale of our investigators and their assistants, and thanked the foundations and government agencies which support our work financially. We want to express again this year our gratitude to these agencies, for laboratories such as ours are largely supported by temporary

grants. We are also under great obligations to both Harvard University and the Massachusetts General Hospital for the generous attitude and help we always receive. We hope that our gratitude is manifested in part by our continuous efforts to fulfill in a superior manner our teaching and service responsibilities.

We are, however, disturbed chiefly by one unsolved problem. Some of our investigators are now well established scientists who merit security for themselves and their families. This presents a serious financial problem for Harvard and the Hospital, for funds in the form of endowments are badly needed to assure the long term commitments and, at the same time, make possible the giving of suitable University and Hospital appointments. These are forms of recognition which these men and women richly deserve. We hope that help in solving this problem will be forthcoming, for it is a common one throughout the country, and one which must be settled if there is to be continuity and sustained effort in the medical fields supported now by public funds.

JOSEPH C. AUB, M.D.
Director

Report of the Coordinating Committee

IN 1951 the Ladies' Visiting Committee appointed a committee of six to consider the advisability of recommending to the Board of Trustees of the Massachusetts General Hospital the formation of an auxiliary . This committee held seven meetings and discussed with the administration and department heads the relationship of the various volunteer groups to the over-all hospital organization.

This committee reached the conclusion that, rather than the conventional auxiliary, it would be better to set up an organizational framework into which the existing volunteer groups would fit. This framework might be expanded indefinitely to take in new groups as they may be organized in the future, however, it would leave each individual group autonomous within its sphere.

As the result of these meetings the Ladies' Visiting Committee offered to undertake, subject to the approval of the Board of Trustees, the organization of a coordinating committee.

It was, therefore, on the recommendation of the Ladies' Visiting Committee and with the approval of the Board of Trustees of the Massachusetts General Hospital that on January 30, 1952, the Coordinating Committee was created, with membership consisting of the Chairman and one other representative of each of the following groups: The Ladies' Visiting Committee of the Massachusetts General Hospital, the M.G.H. Staff Wives Hospital Committee, the Distaff Club, The Advisory Council to the School of Nursing, Massachusetts General Hospital, the Board of Managers of the Vincent Memorial Hospital, the Ladies' Visiting Committee of the Massachusetts Eye and Ear Infirmary, and the Ladies' Committee of the Bay State Medical Rehabilitation Clinic.

Each one of the seven groups maintains its own identity and, at the same time, is in a position to continue its valuable contribution to special projects of common interest with even greater effectiveness because through the Coordinating Committee the representatives of each group and the administration have an opportunity to discuss mutual projects and problems in relation to over-all planning.

The Coordinating Committee held four meetings during the past year. At the meeting on November 24, 1953, Mrs. Augustus Thorndike was unanimously elected Chairman for 1954. It was unanimously agreed that the chairmanship of the Coordinating Committee should be rotated among the member organizations each year. The members were agreed that the General Director should continue to preside at the meetings of the Coordinating Committee; and in the event that he is unable to be present, he appoint another member of the administration in his place. This follows the pattern of the Presbyterian Hospital in New York of having a committee under the administration coordinate the activities of the several women's groups.

It was agreed that the Chairman will represent the Hospital at local, regional and national hospital meetings, namely, the Massachusetts Hospital Association, the New England Hospital Assembly, and the American Hospital Association. She also will be the liaison between the Coordinating Committee and the Administration.

It was suggested that three meetings of the Coordinating Committee be held each year. It was further suggested that, should the need arise, interim meetings of small groups or of the entire Committee could be called at the discretion of either the General Director or the Chairman of the Coordinating Committee.

For the first time, a consolidated annual report for three of the groups is presented, namely, the Ladies' Visiting Committee of the Massachusetts General Hospital, M.G.H. Staff Wives Hospital Committee and the Distaff Club. The Advisory Council to the Massachusetts General Hospital School of Nursing report appears in conjunction with the Nursing Department report, and the report of the Board of Managers of the Vincent Memorial Hospital will be found herein with the other reports of that Hospital. The reports of the other two groups represented on the Coordinating Committee are each published in the separate reports of the Massachusetts Eye and Ear Infirmary and the Bay State Medical Rehabilitation Clinic, respectively.

DEAN A. CLARK, M.D.
General Director

MRS. AUGUSTUS THORNDIKE, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

Requests for special visiting in Baker and Phillips House continue to come to us and these, in addition to our regular assignments in Bulfinch and White, are met by members of this Committee. During the year 535 visits were made by 87 visitors.

The income from our several funds and from the General Store, which is operated by the Ladies' Visiting Committee, makes possible the accomplishments of the following subcommittees:

Chapel Committee. This Committee with daily assistance from the Dietetic Internes has kept fresh flowers and greens on the altar throughout the year.

Christmas Committee. It was considered wise to discontinue the Adult Patient party previously given in the Moseley Rotunda, and instead Christmas festivities were arranged suitable for the patients on each ward. Carol singing, Christmas decorations, and presents for the children were again provided.

Furnishings Committee. In trying to meet requests beyond the hospital budget, this Committee has furnished the South and East solaria on White 5, and has given various pieces of furniture for Burnham, the Chapel, the Admitting Office, and other places in the Hospital. The colorful reproductions on some of the solaria, which are changed from time to time, continue to give pleasure to patients, their visitors and hospital personnel.

General Store Committee. The financial report of the General Store, which is operated by the Ladies' Visiting Committee, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1953 follow:

Balance on hand December 28, 1952		$ 6,257.21
Cash receipts		43,415.41
Total		$49,672.62
Expenses:		
Salaries	$ 6,016.45	
Stock purchased	33,182.06	
Utilities charge	89.76	
Miscellaneous	166.85	
Total Expenses		$39,455.12
		$ 10,217.50

Carried Forward		$10,217.50
Paid to Ladies' Visiting Committee	$4,000.00	
Paid to M.G.H. Staff Wives Hospital Committee	160.38	4,160.38
Balance on hand December 27, 1953		$ 6,057.12

SUMMARY FOR 1953

Receipts	$43,415.41
Expenses	39,455.12
Cash gain	$ 3,960.29
Increase in inventory	115.00
Gain for the year	$ 4,075.29
Value of inventory December 29, 1953	$ 3,536.00

Occupational Therapy Committee. Parties for the children on Burnham, a Cress kiln, a rebuilt sewing machine, and partial subsidy of the salary of the Pediatric Therapist are among the contributions to the Hospital by this subcommittee.

Plant and Flower Committee. Plants and flowers were provided for special days and in various places in the Hospital.

Television and Radio Committee. One television was donated.

Warren Library Committee. There was an increase of nearly 2,000 readers during 1953. Two new pairs of "bed specs" were bought.

Among gifts to the Hospital from the Ladies' Visiting Committee, not already mentioned, are those to the Social Service Department and, from the Lawrence Fund, an amplifier system and furniture for the East solarium on White 6.

In an effort to keep the large hospital mailing list up to date, several members have given time to a review of the list. During the summer this Committee engaged a professional to evaluate our endeavor, and her report was submitted to the Trustees.

MRS. EDWARD CHURCHILL, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE MGH STAFF WIVES HOSPITAL COMMITTEE:

The officers of The Staff Wives Hospital Committee are elected in May and, consequently, the last report covered activities up to May, 1953. This report will complete the accounting of the group for the full calendar year.

The Music Committee arranged and successfully sponsored three half-hour concerts for the General Hospital and Baker patients. The programs were varied and included a chamber music concert, a piano recital and a violin recital. The Chapel was filled with patients who could walk or come by wheelchair, and all listened with great pleasure. This is a proper place to express thanks again to the musicians who gave so generously of their talents and time to the Hospital.

The Volunteer Committee has been busily recruiting those on our membership roster who were willing to lend a hand with the regular volunteer work in the Hospital. A real effort was made to find out what type of work appealed to each and this information was given to the Volunteer Department. Also, an up-to-date list was made of those members who were able to volunteer only now and then, but who wanted to be called to help out on such occasions as Ether Day and the Christmas Party. The work of the Flower and Book Committees continues. A perfect method of collecting and distributing books has not yet been arrived at, but it is hoped that with time and experience one may be developed.

The project that has occupied the time of the greatest number of our members has centered again on the foreign doctors visiting or working at the Hospital. The major part of the work has been divided among committees and the group of Community Chairmen.

The Hospitality Committee gave a tea at the Hospital in November so that all the visitors from foreign countries and their wives might have the opportunity to meet members of the regular staff. Eighty-seven persons attended. The Community Chairmen arranged for the wife of each foreign doctor to be visited and introduced to American living in her neighborhood. They also made certain that transportation to the tea was available. With the growth of the furniture exchange the Committee in charge has been able to lend beds, tables, lamps, bookcases, etc., to make the apartments of our foreign visitors more liveable.

A "housing" project was introduced in the autumn as an experiment. The purpose was to discover how many visitors had difficulty in finding suitable living quarters and to determine in what ways we might be of most assistance. The requests

for help up to now have been few, only six. This may indicate that such a service is not needed, or it may be that it was too new to be requested generally.

Every visitor and his family were invited to Thanksgiving dinner with an American family and were included in some Christmas festivity. The Staff Wives wish to thank the many interested friends who made this possible.

At this moment there are 96 visitors at the M.G.H. from 34 different countries. Twenty-five of them have brought their wives and children with them to Boston. The M.G.H. has become the stage setting for a small United Nations. It is the hope of every one that by our efforts to create a friendly and warm reception to this community we may in a very small way be contributing to a better understanding among all peoples.

MRS. CHARLES HUGGINS, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

During 1953 the Distaff Club sponsored a variety of interesting meetings and successful social gatherings for the entertainment of the large group of House Staff wives. These programs also provide the opportunity for the newcomers to Boston to become better acquainted with the Hospital and to make new friends.

The members of the Club enjoyed the following speakers: Dr. Edward D. Churchill, who gave an illustrated travelogue on his hospital tour around the world with Dr. Paul W. Sanger of Charlotte, North Carolina; Dr. Yang Wang, who talked about his native country, China; and Dr. Joseph C. Aub, who spoke on his interesting experiences in India.

The social activities of the Club included a dance in the Penthouse, a tea to welcome the wives of the incoming House Staff to membership in the Distaff Club, a picnic at Merrybrook Farm, the family home of Mrs. Thomas Peebles in Hudson, Massachusetts, and a Christmas Party in the Penthouse. A Thanksgiving Pastry Sale was sponsored by the members of the Club.

During the period of this report, Mrs. Charles Huggins succeeded Mrs. Thomas Peebles as President of the Distaff Club.

Report of the Advisory Council to the Massachusetts General Hospital School of Nursing

DURING the past year the name of this committee was changed from the "Ladies Advisory Committee to the School of Nursing" to the "Advisory Council to the School of Nursing," and a plan of organization for the Council was drawn up and approved by the Trustees.

The Council held ten meetings from October, 1952, through September, 1953. In addition to the regular business presented at these meetings, the Council expressed its wish to study each year one specific problem related directly to nursing education in the Massachusetts General Hospital. This year the Council studied five current research projects. These were presented by doctors and supervisors involved in the projects, to demonstrate their relationship to, and their effect on, nursing care and nursing education in the Hospital. As a result of these studies, a recommendation will be sent to the Trustees, asking their consideration of a study to identify the cost of the additional nursing time involved in caring for patients who are the subjects of special research projects undertaken by members of the staff of the Hospital. It was the feeling of the Council that this time represents an additional cost to the Hospital which should be included in the research project itself and ultimately reflected in the nursing budget.

At the April meeting two students spoke to the Council about two of their activities. Miss Marcia Muir, a second-year student, spoke on the Student Nurses' Coöperative Association. This is an association which includes the whole student body and the faculty advisors, and meets four times a year. Miss Barbara Bullard, President of the Senior Class, spoke about the Senior Class activities. Both of these students had represented MGH at the Boston City Hospital "Career Day" for high school students.

The Trustees' Committee to the School of Nursing and Nurs- Service, over which Mr. John Lawrence presides, consists of three members of the Board of Trustees, three physicians, three

members of the Nursing Council, and Dr. Clark and Miss Sleeper. This Committee provides a most helpful means for discussing directly with those concerned matters of policy or welfare pertaining to either the School or the Nursing Service, and greatly facilitates the formulating of questions which are subsequently brought to the Trustees or the Council for decision.

At the annual meeting of the Council in March 1953, Mrs. Lloyd D. Brace was elected Chairman, succeeding Mrs. W. K. Jordan, who had served as Chairman for the past six years. Dr. Rita N. Kelley, as Medical Staff Representative, has taken Dr. Helen Pittman's place. Mrs. Van Courtlandt Elliott, Dean of Radcliffe College, and Mrs. Harris Fahnestock are new members, succeeding Mrs. Kerby-Miller of Radcliffe and Miss Stedman. Miss Daphne Corbett is the new alumnae member, succeeding Miss Dorothy Wilson.

Bartlett Hall, the new Nurses' Residence, so greatly needed and so long a vague hope and dream, became a reality and was dedicated on April 29, 1953. Speaking on this occasion were Miss Sleeper and Mrs. Robert Homans, past Chairman of the Council and now its senior member and Honorary Chairman.

The past year has indeed been a busy, instructive and interesting one for the Council, and I would like to thank all the members of the Council for their ever-ready cooperation and enthusiasm for any assignment which has been given them. I wish also to thank the doctors and supervisors who have spoken to the Council and added so materially to our knowledge and understanding of the Hospital. I extend to Mrs. Jordan my deep gratitude for her leadership and foresight during the past six years, which makes my present position as Chairman such a pleasant and easy one.

Respectfully submitted,
HELEN R. BRACE
Chairman

Massachusetts General Hospital
School of Nursing

	1953
Average No. of Graduates on General Hospital Staff and O.P.D.	203
Average No. of Graduates on Baker Memorial Staff	74
Average No. of Graduates on Phillips House Staff	54
Average No. of Accepted Pupils	286
Average No. Preclinical Students	83
Average Total	700
Total No. Preclinical Students Admitted	133
Preclinical Students Dropped and Resigned	20
Students Graduated	111
Accepted Pupils Dropped and Resigned	14
Total Dropped and Resigned	34
Students Readmitted	10
Average No. of Graduates on General Hospital Staff—*Part Time	8
Average No. of Graduates on Baker Memorial Staff—*Part Time	5
Average No. of Graduates on Phillips House Staff—*Part Time	4
Total *Part Time Graduates	17

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING
OCTOBER 1, 1953

Graduate Nurses, General Hospital and O.P.D.	217
Graduate Nurses, Baker Memorial	75
Graduate Nurses, Phillips House	51
Total	343
STUDENT NURSES:	
Accepted students	271
Preclinical students three year program	89
Preclinical students Coordinated Program with Radcliffe College	24
Affiliating students from other schools	33
Total	417
TOTAL GRADUATE AND STUDENT NURSES	760
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL:	
Baker Memorial	
M.G.H. accepted students	31
Incoming affiliating students	2
Boston Lying-in Hospital	34
Massachusetts Eye and Ear Infirmary	7
McLean Hospital	34

*Part time nurses expressed in equivalent of full time.

NUMBER OF STUDENTS AFFILIATED IN 1953 FROM:

Simmons College School of Nursing		35
McLean Hospital School of Nursing		21
Henry Bishop (Pediatrics)		21
Leominster Hospital (Pediatrics)		9
St. Elizabeth's Hospital (Pediatrics)	Affiliation terminated March 31, 1953	12
St. Anne's Fall River (Pediatrics)		32
New England Baptist (O.P.D.)		77

The Nursing Department

FOR all nurses at the Massachusetts General Hospital the most important event of the year was the opening of Bartlett Hall on April 29. Appreciation to Mrs. Mary Bartlett Noyes and other donors to this building, already expressed in previous reports, is again recorded.

Tangible interest in the residence and appreciation for it have been expressed by several nursing groups. The Alumnae Association presented a tea set in Lenox china; the Class of 1922 a silver tray; the Class of 1927 a combination of much needed trays and vases, and a collection of 68 fine records; the Classes of 1951 and 1952 a piano, a record player, a radio and an electric sewing machine for the lounge; and the Class of 1951 a silver tea service.

Five months' occupancy has proved the value of the building. The general plan seems well suited to the needs of both students and graduate nurses. Planned originally to house 88 students and 66 graduates, the building now, because of the need for graduate nurses' rooms, has 88 graduates and 66 students. At times the opportunity to live in Bartlett Hall has been the crucial factor in a nurse's decision to work at the MGH. With the present need for graduate nurses, this interest can not be overlooked. But, the inevitable result of meeting the need for graduate nurse rooms is the gradual elimination of student rooms in the residence. Plans are urgently needed for more residence facilities for the graduate nurse group, including staff nurses, head nurses, and others.

The School of Nursing

In 1938 the School of Nursing was first accredited by the National League of Nursing Education. Annually, since that time accreditation has been continued on the basis of a detailed yearly report made to the Accrediting Service, since 1952 the responsibility of the National League for Nursing. In anticipation of a visit by the accreditors in the coming year, the faculty has reviewed the three-year diploma program in detail. This review again brought into focus some of the School's achievements, and pointed up areas in need of further study and adjustment.

During 1952-53 the average enrollment in the three year program was 347, a loss of 4% over last year. Ninety students were admitted in September and 43 in March. One hundred and eight students were graduated. The supply of applicants continued good. Approximately five possible candidates applied for each place in the September class. Candidates for the March class continue to decrease as few, if any, high schools now graduate in February. As the majority of nursing schools now accept applicants after the seventeenth birthday most young women enter in September classes.

An active recruitment program was carried out. In the early fall a unique informational bulletin, shaped like an MGH cap, was sent to approximately 2,500 high schools throughout the country. The annual catalogue of the School was sent to all high schools in New England in the spring. A speaker was sent to twelve high schools during the year, and 250 high school students were entertained at two Career Days at the Hospital in December.

Thirty-one students resigned from the three year diploma program during the year, eighteen during the preclinical period, and thirteen during the first and second years. This represents a loss of 9%. In contrast to the national average loss in schools of nursing of over 30%, our student body has been a stable one this year. The chief causes for withdrawal during the preclinical period were failure in class study, and dislike of nursing; during the first and second years, marriage and personal or family sickness. During the year a new marriage policy was put into effect, permitting students to marry and remain in the School any time after the first six months. Although numerous students took advantage of this new policy, the majority of married students left the School to establish their homes away from Boston.

Although the preclinical schedule has been revised in part, the load for the beginning student continues to be heavy. Because too often the preclinical student's failure appeared to be more a problem of immaturity than a lack of ability, the faculty has for several years tested the possibility of a plan which would permit selected preclinical students on low standing to resign, and to apply for readmission after a reasonable period for rest,

or if necessary for some maturing activity such as further study or employment. Ten such students were readmitted this year. All are maintaining a satisfactory level of scholarship; all have demonstrated average or better ability in patient care. How the load of the preclinical period can be reduced, without jeopardizing the program, is a matter for concerted study during the coming year. The student in our present program is ready to make a rapid and effective adjustment to the wards at the end of these first six months. Whatever changes are made in the future should help and not retard this adjustment.

Student health for the first year class remained satisfactory, but the students in the second and third year classes showed a marked increase in time lost. Second year students increased from an average loss of 1.25 days last year to 5 days this year, and third year students from 1.8 average days lost last year to 7.2 days this year. It is true that some students in these classes have had more long term illnesses, but it is also true that there has been a greater loss of days among many students due to minor illnesses.

It will be of interest to see whether the reduction in the student hour schedule will lower the loss of time for illness. In September the weekly hours for all students on night assignment, and for nurse interns, or students in their last eight months, on day assignment were reduced from 44 to 40 hours. Ward hours for first and second year students, exclusive of formal classroom instruction, continue to be 36 weekly.

Unlike students in other fields of study, the student in the three year diploma program in nursing must pay for her education in part by tuition fees and also in large part through a working scholarship. She has no choice of the type of work she will do for her self-help, nor where she will do this work, for it is combined with, and is indistinguishable from, the nursing practice which is a part of her required educational program. This system by which the student nurse pays for her education is both an advantage and a disadvantage to the student. To many students, the opportunity to earn a large proportion of the charges for their education is the decisive factor in the choice of nursing, and in the choice of a three year school. Although the cost to the MGH student for the entire three years is only

$300.00 for tuition, and approximately $200.00 for uniforms, books and fees, and although the payment of this is spaced over the first two years, many students now enrolled find these costs difficult to meet. Seventeen $100.00 scholarships have been given this year, almost all of which have been used to pay tuitions. Personal needs of many students consequently are not met. This year the graduating class of 1953-54 presented to the School a sum of $300.00 for scholarships for enrolled students. The money was given as an expression of appreciation for scholarship aid given to members of their class.

A new policy was established in the summer to help students with their personal expenses. Under a carefully controlled plan, students with good school and good health records are privileged to apply for limited hours of employment in the Flower Shop, Palmer-Davis Library, the residences, and on the wards. It is not surprising that at times there are more student hours available for employment than the budget, or the needs of the employing unit, can encompass.

The fact that the student in nursing combines her practice for education, and her work for self-help, also places a heavy responsibility on the Nursing Service to which the students are assigned as members of the staff. At times, desired changes in nursing are also advantageous to the student program. For many years the School has wished for a full time teacher in the operating rooms to assure a plan of instruction which could continue regardless of service pressures, and which could give equitable instruction and experience in the operating rooms in the various hospital units. The reorganization of the operating rooms this year has now freed a well prepared nurse interested in teaching for this program. Simultaneously, the reorganization relieved the operating room supervisor of these teaching responsibilities, and thereby both interests were well served.

A second reorganization, in the Central Supply Room, enabled the School to remove students from this service and so to secure time for a longer and more essential experience in the Recovery Room. Without this experience students lacked opportunity to learn to care for patients immediately post-operative, since these patients seldom return to the wards for several hours following operation.

In contrast to these areas where educational and service interests coincided, is the evening and night ward assignment. Last year it was reported that student nurses were carrying 50-75% of these assignments in the General Hospital and the Baker Memorial. These same proportions continue. Including the evening and night assignments required on affiliations, the typical MGH student now spends 18-22 weeks on evening, and 11 weeks on night assignment. Except for the eight months internship, these students must carry classes during these periods of heavy demand for patient care and abnormal hours for rest and study. Supervision and teaching on the wards to make these assignments equal in value to the day assignments is lacking. This is a noteworthy example of the conflict of the educational program and work for self-help and presents a problem which urgently needs attention. That the Hospital recognizes this need was evidenced by changes made in evening and night pay schedules in September to secure more graduate nurses for these periods.

The total enrollment in the Coordinated Program conducted with Radcliffe College is now 28. Twenty-four students are studying at the College, 3 are in the first clinical year, and 1 is in her second clinical year. Four students were graduated in July 1953. One of these graduates was appointed as an assistant in teaching in pediatrics, a second went into the Public Health Nursing Agency in Cambridge, two were married; one in Germany, one in the midwest, both of whom were planning to work either in a public health nursing agency or a hospital.

The general plan for the program has continued with periodic changes in course content and placement of courses. Students continue to come to the School of Nursing for one course each semester, and for the Freshman and Sophomore summer sessions during the College years.

Beginning in the fall of 1953 all students will have courses in general chemistry, biology, sociology, psychology and child growth and development at the College. As the instructor has resigned who has taught these students in anatomy and physiology in the School of Nursing since 1946, it now seems the time to reconsider the placement of this course.

The Simmons College School of Nursing has continued to affiliate with the Coordinated Program. Twelve students were accepted in July 1953. During the spring the Simmons College School was resurveyed for accreditation. It is encouraging to report that the clinical courses taught in the Coördinated Program contributed to the acceptance of the Simmons College School of Nursing for continuing accreditation.

The Coordinated Program must now also apply for accreditation. Two classes have been graduated. The program as a whole is soundly planned and of good quality. With appropriate accreditation, graduates of the program will be accepted as qualified for first level positions in public health nursing, in addition to those in other areas of nursing. Without this recognition graduates of this program, though comparably prepared, will be at a disadvantage when competing with graduates from other collegiate programs.

Last year it was reported that Radcliffe College and the School of Nursing had offered jointly a $1,000 scholarship to an entering student. Selection of the recipient was to be by competitive examination. The award was made to a promising candidate, but without assurance of further assistance the candidate could not enter the program. No other suitable candidate was found and the scholarship was not awarded.

The expense of the Coördinated Program continues to be a limiting factor in enrollment. Not only is the program a long one, and therefore costly, but the student has only one summer in which to work to contribute to the expense of her education. Ten students of the 28 now are receiving, or have received, some scholarship aid this year.

On November 4, one month after the close of this fiscal year, the School of Nursing will reach its 80th anniversary. Since its beginning, the development of the School has been safeguarded and guided by a committee of volunteer women whose interest in the MGH and in nursing education has been a driving force in the progress of the School. From 1873 until 1896 the committee was the administrative body for the independent school. From 1896 until 1953 this committee has been a self-perpetuating committee of women advisory to the Director of the Hospital and the faculty of the School. This year the committee has been

reorganized. The purposes of the reorganized committee are fundamentally unchanged, but the membership will henceforth be a rotating one. Old friends with many years of service on the committee will in time be replaced by new members. It seems appropriate in this report to record the appreciation of the School to all those who have given of their time so generously. Although the new membership plan will make the School known to more men and women in the community, and bring new interests from the community to the committee, it can never bring a more loyal group, or one which will serve more faithfully. Our especial thanks are recorded to Mrs. W. K. Jordan, who has been chairman of this committee for the past six years.

Nursing Service

The primary objective of the Nursing Service for 1952-1953 was to meet the Hospital's need for nursing care with a service which in quality would be adequate, and in quantity would be sufficiently elastic to meet the periods when admissions were heavy or emergencies brought unusual demands. As all beds in the Baker Memorial could not be opened, the goal was not completely achieved. However, the Hospital did provide almost 18,000 more days of in-patient care than were provided in the previous year, and the nursing care for these patients was given with a staff which was slightly less in size than that for 1951-1952.

Five major factors account for this ability of the reduced staff to assume a heavier load: changing patterns of organization, better sharing of both planning and activities amongst the various in-patient units, continuing study of ways and means to save the time of nursing personnel for patient care, the constructive support of the Hospital Administration, Medicine, Pharmacy, Dietary and other departments, and finally the excellent spirit of the members of the nursing department and their readiness to accept the heavier assignment during periods of pressure.

Reorganization has been both within the Nursing Department and in some other departments which supplement nursing functions. In January the General Hospital Errand Service was discontinued, and its workers transferred to the Hospital Dis-

patch Service, organized to serve all nursing units and all hospital departments. In February reorganization of the three operating rooms was begun. Miss Helen Coghlan was appointed Assistant Director of Nurses for the combined service. In March a plan for reorganization of the Central Supply Room was initiated to furnish broader services and support for all patient units. A supervisor prepared in the secretarial field, and in teaching, was appointed to help to develop a corps of workers who could increasingly assume more non-nurse clerical and other functions and so free the Head Nurse for supervision of personnel and for more effective planning and assignment. During the spring and summer two additional Assistant Directors of Nursing Service were appointed, Miss Frances Grady for the Bulfinch Building and Miss Daphne Corbett for the White Building. Miss Adele Corkum was appointed to succeed Mrs. Dorothy Newcomb who resigned in July from the position of Assistant Director of Nurses in the Baker Memorial. In September conferences were begun to redefine the functions and relationships of Assistant Directors of Nurses and nurses with staff appointments within the Nursing Department. In July White 6, formerly East and West Men's Surgical, and White 7, formerly East and West Women's Surgical, were rearranged, placing East Surgical men and women on White 7, and West Surgical men and women on White 6. The reduction in numbers of doctors working on each floor has eliminated confusion, and facilitated the problems of both planning and care on these two especially acute and active services.

As conferences were underway to plan for more autonomy of nursing units under the Assistant Directors of Nursing Service, plans were simultaneously under consideration for better integration of these units as a whole. The operating room schedule for private, semi-private and ward services in due time will be planned by the Assistant Director of Nursing in charge of operating rooms. The operating room nursing staff is now assigned in relation to over-all operating room needs: evening, night, Sunday, and holiday operations are concentrated in the General Hospital. This plan has reduced the number of nurses needed on call. Graduate nurses have been rotated for experience in all three operating rooms, and so a flexible staff is now ready for emergencies in any one of the operating rooms. Plans are

under consideration to return the supervision of the two General Hospital cystoscopy rooms to the operating room staff. The aide training program was reconsidered in terms of the needs in all units. Plans were made to introduce the licensed practical nurse, found to be of great value in the Baker Memorial, to the Phillips House as a supplement to the graduate nurse staff. Consideration was given to training ward helpers in a program designed to assist all nursing units. The value of a Supervisor of In-service Education in the Nursing Department was tested as a means of saving Head Nurse and Supervisor time while simultaneously offering an integrated training program for all ward personnel which would produce better patient care, improve worker relationships, and stimulate all members of the ward staff to best achievement. Residents from Medical, Neurological and other services have cooperated with nursing in developing plans for regular conference sessions, in which the Supervisor and Head Nurses can plan with the ward doctors for patient care. No amount of nursing planning can be effective without such joint action and the resultant group understanding.

Although each year sees many changes we have actually just tapped the sources of help for nursing. New groups of workers, time-saving equipment, modified techniques, elimination of outdated practices, cooperative exchange of functions with other departments, all played a part this year. In the spring the School formulated a well controlled plan for student employment. In June the Hospital Administration secured the services of a group of well trained Navy Corpsmen interested in part-time evening work. In July a day nursery was opened for children of graduate nurses who wished to work 8:30 to 4:30 at the Hospital. The Phillips House employed maids for evening food service, and transferred more housekeeping functions to porters. Administrative secretaries were added on two floors in the Phillips House, and two in the White Building. The Out-Patient Department secured the assistance of the Central Supply Room in the preparation of its sterile supplies. New hot pack machines were added in all units. A glove drier and powdering machine and a needle washer were added during the year in the Central Supply Room. The Committee on Nursing Practices has worked constantly toward the simplification of procedures

to save both time and supplies. The revision of the procedure for the administration of medicines was a major accomplishment. The Pharmacy coöperated in the formulation of a new method for recording narcotics. The change in policy which transferred night admitting to the Administration in the Baker Memorial, and routed most of these night admissions through the Emergency Ward, has freed the Night Supervisors in this unit for added patient care.

In the spring the Nursing Department volunteered to participate in a study conducted under the auspices of the Boston Nursing Council of the United Community Services. The purpose of the study was to determine whether any of the activities now carried by staff nurses here in the Hospital could be delegated to other workers. Carried on simultaneously by the Hospital Council was a plan for work simplification. Because the MGH Administration has been interested in work simplification, and has two Assistant Directors with special preparation in these techniques, we can now approach, with their assistance, the problem of shortage from two angles: delegations of functions to other workers, and simplification of nursing activities to save time and equipment.

During the summer a plan for the 40-hour week was developed simultaneously with some of the other Hospital Departments. In order to meet the community demands the hour schedule for day nurses was reduced from a 44 to a 40-hour week as of August 31. Permanent night and evening nurses had been on a 40-hour basis since 1948. Hours for other nursing personnel were planned in the same manner to be effective on October 6. The need made this change imperative, although it was questionable whether more nurses could be obtained when the new hour schedule was introduced.

One of the primary causes of inefficiency in the ward staff is instability because of constant turnover of staff, and almost continuous movement of nurses from day assignment to evening and back to day, from day assignment to night and back to day. Simultaneously with the reduction of the nurses' hour schedule, a new pay schedule was introduced. Observation had shown that the largest exodus of staff nurses occurred between six months and one year of employment. The new pay schedule

provides for a substantial increase at six months, and 18 months, with a large differential for permanent evening and night nurses.

The new schedules have been effective only one month as the year ends. Both have done much to help the morale of the nursing staff, and our appreciation to the Trustees and the Administration is here recorded. Two units at this time show some increase in numbers as compared to 1952. As both the hour and the pay schedules were designed only to bring us into line with other comparable hospitals in this community, these changes could hardly be expected to give promise of a great increase in number. They should, and we believe they will, help us more surely to secure and hold our fair share of the available supply of nurses who wish to work in the voluntary hospitals in New England.

One area of concern resulting from the introduction of the 40-hour week deserves careful evaluation during the coming year. As hours for Head Nurses are decreased, the guidance and supervision available to nursing personnel must decrease in the same proportion. Whether we can compensate for this loss by reallocation of functions to senior staff nurses, or whether evening Head Nurses must be added only experience can prove. The problem facing us now is the supply and assignment of staff nurses capable of such responsibility. Our dependence upon the Head Nurse on most wards is well illustrated by the Neurological Ward, White 11. The Head Nurse on this ward was appointed in January 1953. She has directed a very satisfactory nursing care program despite the fact that every nurse but one has changed in these nine months. One important and stabilizing influence in this situation was an alert and competent administrative secretary.

The growth of the Central Supply Room again reflects the changing patient care program, as demand for articles rises and falls. The expanding services of the Emergency Ward and the Neurological Ward are most clearly reflected in this year's total. A second service, less obvious for it remains tucked away in the basement, is the very important Appliance Room which services the General Hospital completely, and the Baker and Phillips House for special articles. Three men under the direction of Mr. James Kilcoyne, an employee of the Hospital for

forty years, distribute, collect, repair, and inventory this equipment. In spite of the fact that orthopedic equipment is now stored on White 5, and oxygen equipment several years ago was transferred to Oxygen Therapy, under the Department of Anesthesia, the number of different articles cared for by the Appliance Room staff has now reached 60. The total list of articles numbers approximately 2,000. Like the Central Supply Room, this service, with further study and reorganization, could be of greater assistance to the wards in all units.

The Nursing Department of the General Hospital has appreciated the redecorating and refurnishing of various buildings, wards and work rooms; the Out-Patient Department, Bulfinch 4, the sitting rooms for patients on Bulfinch 1 and 2, Bulfinch 5 and 6, White 3A, 5, 6, and 12, Overnight and Emergency Wards, including the air conditioning in the examining rooms. Such changes on the wards do much for the attitudes of patients and families, which in turn reflect in the pleasure of the workers.

This year again the nurses have found time to give some service in the community. Miss Helen Sherwin, Supervisor of Instruction in the Sciences, is Chairman of the West End Neighborhood Council. Mrs. Constance Braman, Administrative Assistant and Assistant Director of Nurses in the Phillips House, continues as Chairman of the professional registry for nurses. Miss Edna Lepper, Associate Director of Nurses, is Chairman of the Nursing Council. Other nurses have served on local and state committees of the nursing organizations. One half-day Institute for Public Health Nurses in Massachusetts was conducted at the MGH by Miss Ruth Farrisey, Instructor in Public Health Nursing, with the assistance of the medical staff. Staff Nurses, Head Nurses, and Supervisors, after the MGH day was done, volunteered their time in the hospitals of Worcester following the tornado. In the National League for Nursing Miss Katherine Hardeman, Supervisor of Clinical Instruction, is an elected member of the Steering Committee of the Department of Diploma and Associate Degree Schools, and Miss Edna Lepper of the Department of Hospital Nursing Service.

Miss Marion Bates, Instructor in the Practical Nurse Affiliated Program, attended a workshop on Practical Nurse Education; Miss Sarah Rowley, Supervisor of Equipment, a workshop on Central Supply Rooms; Miss Edna Lepper, on Utilization of Manpower; Miss Helen Coghlan, on Operating Room Administration. Miss Jessie Stewart, Assistant Director of the Diploma Program, spoke on the plan for this program at the National Conference of Catholic Schools of Nursing. Mrs. Dorothy Perkins Newcomb published a pamphlet on the Team Plan.

The Director of Nurses wishes to express the appreciation of all members of the Department for the helpful and understanding support and assistance received during the year, and also for the privileges enabling her to attend the Sixth World Health Assembly, to continue in office as President of the National League for Nursing, and to serve as a member of the Health Resources Advisory Committee of the Office of Defense Mobilization.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

THE increased occupancy of beds this year with rapid turnover and pressure for making effective care plans has increased requests for service from this Department. During the fiscal year, October 1952 to October 1953, there were 8,607 patients who received individualized casework service, an increase of 193 individuals over the previous year. Added to these 8,607 persons many others received consultive service through the 100% review of all ward patients in the medical-social ward conferences. For example, of the 3,395 patients admitted to the Medical Wards, only 1,339 are included in the 8,607 count.

Not only have the number of referrals increased, but the problems presented seem to grow more complicated and severe. Advances in medical science, research and teaching bring the more seriously ill and handicapped patients to any teaching center such as this. Long illness with expensive care often has preceded the patient's admission. Through this long period there has been depletion of the economic, personal and emotional resources of both patients and families. The long and continued care here and later in the Out-Patient Department means continued disruption of personal and family life with which we are so deeply concerned in our contribution to the care of patients.

While in general a greater number and more complicated long-term referrals originate in the ward services, the major portion of our day-by-day active patient case load is made up of patients cared for on an ambulatory basis of out-patient care. An analysis of the statistics for September, 1953, showed that while 58% of the new referrals to the Department came from the ward service and 43% from the clinics, the actual total patient group served that month was made up of 28% who were being cared for in the wards and 72% in the Out-Patient Department. The two outstanding exceptions to this proportion were the Orthopedic and Psychiatric Services—Orthopedic with 35% of new referrals from the ward and 65% from the clinic and the Psychiatric with 10% ward referrals and 90% clinic.

In the Orthopedic Service many patients are referred for hospitalization, and the Psychiatric Service is more distinctly an out-patient service.

Maintaining continuity of social care has been another trend in our Department planning. We do not have any so-called out-patient workers or ward workers, and although staff are assigned to special services they generally continue with their patients wherever their medical care takes them. A study of workers' active case loads for April, 1953, revealed, for example, that while a worker's assignment for coverage might be to two wards or one specialized clinical service, her active patient load was widely scattered throughout numerous clinics and wards. Having to be in many different places and to confer with many different doctors is time-consuming, but pays off in service to patients for we are often the one continuing person in the patient's multiple contacts in his medical care.

Emphasis of family health and medical care has given increasing importance to our effort to coördinate and know what goes on in terms of family illness. With the exception of the comparatively recent Family Health Service roster of families, I believe the Social Service index file is the only place in the Hospital where there is registration on one card of members of families currently or previously under medical care here. While this file is limited to those patients and families known to the Social Service Department, it does represent an index to many families for whose health this Hospital has been responsible. To be able to see the interrelated experiences of illness in families is important in the treatment of many patients. This Hospital is for many the "family doctor" and we hope with the advent of Family Health Service this may really be coördinated throughout the Hospital.

Chronic and Terminal Care Facilities

Each year the workers' reports show that a major unmet community need is in the field of chronic and terminal care facilities. Patients with terminal cancer, severe neurological disease and other as yet incurable conditions are referred for care plans after study and all possible remedial treatment has been completed in the Hospital. Too ill for care in their homes and needing more medical and nursing supervision than can be ade-

quately supplied by nursing homes, we are faced with waiting lists of weeks and months in the few existing chronic hospitals, such as Holy Ghost Hospital, Long Island and the State Infirmary. We welcome the opening of the new State Chronic Hospital, but with the proposed limited admission policy of patients for whom active treatment and rehabilitation is possible and the limited ninety days' stay, we yet wonder where patients can go to receive care and comfort in their last remaining days. The lack of continuity of medical care for these patients is another distressing factor, for at the point of greatest need, both for them and their family, they are transferred from the Hospital and from the doctors who may have given months and even years of interested care. Might such care ever become a responsibility of the General Hospital Medical Center as a part of continued and total medical care?

Rehabilitation

Continued interest is noted in rehabilitation. Here we are again limited by lack of funds and personnel in the Massachusetts Division of Vocational Rehabilitation whose inadequate appropriation is quickly exhausted.

Convalescent Care

The opening of the Frank Wood Convalescents Home in Dorchester this year has been a real resource for our indigent and medically indigent patients needing two or three weeks' care following acute illness or acute exacerbation of chronic illness. Miss Storm and her staff there have have been most cooperative and the new and attractive home offers the atmosphere and incentive for early return to activity.

Eighty-seven patients from Baker Memorial and Phillips House have gone to Storrow House this year.

Ancillary Medical Relief

The trend toward increased payments by Governmental agencies and by patients for costs of prostheses, apparatus and aftercare has continued. Of the $24,312.30 arranged for from October, 1952, to October, 1953, over half, $12,505.00 was met by public agencies or patients on time payments. The largest part of the total expended, $6,669.02, was for the purchase of artificial limbs. Transportation and costs of braces were next in

order. The donations to the Department from special funds, such as the Massachusetts Division of the American Cancer Society, Permanent Charity Fund, Hood Foundation and other interested groups or individuals have helped us to take care of special emergency costs, which patients are unable to pay and which are not covered by a governmental agency.

Special Services

SURGICAL SERVICE Miss Salzman, senior supervisory worker on the Surgical Services, reports that for the most part patients referred are chronically ill with poor prognosis. Carcinoma continues to rank high with the vascular diseases running a close second. Increase in bed occupancy has increased the referrals. The development of regular weekly social ward rounds with the resident staff, nurses and social workers has brought about better understanding of social problems and exchange of ideas, and earlier referrals. Workers were also asked to attend early morning rounds with the House Staff and Service rounds. In interest of best use of time, workers attend morning rounds Monday and Friday and Service Rounds occasionally. The interest and coöperation of the House Staff has been most helpful in working out more satisfactory care plans. The moving of the Surgical Social Service offices from White 1 to the respective ward offices has had many advantages. It has brought the resident and nursing staff in closer relationship with the workers assigned and the worker's office is more accessible to patients who can be interviewed with more privacy than on the open wards.

PEDIATRIC SERVICE Miss Henshaw, senior worker on the Pediatric Service, reports: "Effort is made by the total staff to consider the child's illness in terms of its meaning to him and to the family, and Social Service is called upon to participate in evaluating the social and emotional factors and in helping the patient and his family with the problems and hardships the illness imposes." Social Service rounds have been extended and improved with more participation by Visiting Pediatricians, medical students and nurses. In November Dr. Blodgett devoted one of the regular weekly clinic meetings to discussion of activities and use of Social Service. An effective questionnaire on Social Service was prepared by Dr. Blodgett and distrib-

uted to the Pediatric Clinic staff as a basis for part of the discussion in which the Chief of Social Service and Miss Henshaw and Miss Patricia Clark participated.

Family Health Service under Dr. Blodgett is becoming more active and formalized. While the casework service needed for these families is carried by the regular workers on Pediatrics, Miss Janet MacPherson has recently been assigned to attend the regular bi-weekly meeting of the consultant group to evaluate and determine the amount of Social Service coverage needed and the appropriate services in the program. Miss MacPherson will also be considering our role in the proposed extended program in 1954 to include more families and the adults in those families.

PSYCHIATRIC SERVICE This year there has been an increasing trend toward dividing the Service into three separate compartments—Adult Division, Children's Division and Alcoholic Clinic. The opening of the new quarters for Child Psychiatry in the Burnham Building has many advantages but has added to the separateness. The workers in Children's Division have devoted time to both treatment and research. Considerable time is given to the research project on Rheumatoid Arthritis. In February, Dr. Gaston Blom gave a paper at the Orthopsychiatric Conference in Cleveland on Rheumatoid Arthritis in Children. Miss Grace Nicholls collaborated with him in writing this paper, contributing the part relating to the mothers of the children and the part they played in the illness.

The Alcoholic Clinic, supported by State appropriation, under Dr. Ludwig's leadership has increased in patient load and treatment hours with Dr. Ludwig devoting five afternoons a week to the Clinic. Miss Sherwood, social case worker, is a member of the therapeutic team and gives service to the majority of patients. The Clinic in addition to giving treatment is approaching the problem from the research point of view. It is hoped that the material gathered over the past year can be used to get at causes and treatment of alcoholism. The social worker will work with the doctors in analyzing and evaluating case records of each patient so that we may continue to a better understanding of the person who is an alcoholic.

The work in the Adult Division, carried by Mrs. Steele, has increased in numbers, both in clinic and ward referrals. The services of an additional worker are needed and budgeted for the coming year.

One of the great advantages of the Psychiatric Service has been in the opportunity for students and workers to have the breadth of experience offered by these three units and also to participate in research projects. Miss Sylvia Perry, Supervisor, helps to unify and maintain standards of work in the total service through consultation and staff supervision. We hope that we can continue to make the exchange of experience available to all staff and students even in the growing separateness of the divisions.

Staff Development

We have been unusually fortunate to have the services of Miss Mary Kearney and Mrs. Jessie Straus as supervisors. Their excellent support and guidance for the staff in all aspects of their work is reflected in the quality of casework service and in the workers' desire for continued professional growth and satisfaction in work accomplishments.

Funds from the Cabot Educational Fund made it possible to hold a seminar six evenings last spring with Miss Bertha Reynolds. Individual workers have attended seminars at the Psychoanalytic Institute, State Conference of Social Work, Smith College School of Social Work, and Boston University School of Social Work. Dr. Henry Brewster, Psychiatrist, has been most generous of his time in acting as consultant in problems involving difficult personality and emotional problems.

Teaching

Eleven students came last fall for field work training. Seven are assigned in medical social work and four in the psychiatric unit. Smith College, Simmons College and Boston University Schools are represented.

The first year class of about fifty students from Simmons College School of Social Work came again this year with Mr. Robert Rutherford, Director of the School, to learn about the Hospital as a community agency. Dr. Walter Bauer and his medical ward conference team of doctors, nurse and social

worker gave a demonstration of medical social rounds focused on patient care. Tea and an informal meeting with members of the Social Service Department gave students the opportunity to discuss further social case work in medical care.

Other groups with whom the Department has continued a teaching program include fourth year medical students under leadership of Dr. John Monks and Dr. Lemoine White, nursing students, dietitians, medical record librarians, and theological students.

Many visitors have come for observation and training for periods varying from a few hours to two months. They have included social workers, doctors, nurses and teachers, and have come from twelve different foreign countries and six different sections of the United States. Opportunities for exchange of ideas with leaders in their fields from many countries and cultures bring an enriching experience to the Department.

Research

In addition to the on-going research projects in the Child Psychiatry Division, a new project with patients with two or more psychosomatic diseases has been started this year under Dr. J. C. Nemiah and Dr. G. C. Quarton. Mrs. Jane Trask is working part time as social worker, interviewing patients and evaluating personal and social data.

Staff Activities

Many of the staff members have served on committees of their professional organizations and the United Community Services. The Director of the Department has had the privilege of being Chariman of the Section on Social Work in Medical Care of the United Community Services, Consultant to the Surgeon General of the Army, and a member of an Advisory Committee of the United States Public Health Service in their preparation of "The Health Man Power Source Book, Section 3 on Medical Social Workers," recently published.

Fiftieth Anniversary

In preparation for this anniversary celebration in October, 1955, the Trustees of the Hospital have officially appointed a committee with Dr. James H. Means as Chairman. It is hoped

that former associates and friends of the Department, as well as colleagues from foreign countries, will join in this anniversary celebration which will include outstanding speakers, workshops, panel discussions, and exhibits.

The year 1953 has been in many ways a good one with new impetus for improving our services and widening our horizons in service, teaching and research. The support of the Social Service Advisory Committee, the Hospital Administration and the Clinical and Nursing Staffs has aided us in our efforts to achieve our goal of helping to make medical care effective for individual and social well-being.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

DURING 1953 we experienced a change in tempo as we expectantly awaited further results from constant modifications of our administrative pattern. The master-menu guide has proven its value and combined with concentrated effort in purchasing, preparation, and service areas, has reduced the total food cost from $647,535.74 to $630,383.42, with a resulting saving of $17,152.32.

This is particularly significant when the therapeutic aspect of the department is considered. Increased census counts in each area are noted, with a corresponding rise in special diets.

In the Nutrition Clinic, an increased awareness of obesity as a negative influence on health was apparent. Of all new diets 63% given in that unit were for weight reduction.

Physicians have grown more concerned with caloric intakes. The General Hospital reports an increase of 66% for those calculations, and a shift in the special diet orders resulting in an 86% increase in diabetic diets, a 67% increase in those with sodium restriction, and a 53% increase in the low caloric order. The low sodium trend is reflected in the Out-Patient Department also—in 1945 with a count of 20 and in 1953 with a count of 300.

Research progresses. The Mallinckrodt Ward maintained a consistently high average, and the metabolic unit in Vincent Burnham served 291 constant diets, more than twice the count of the previous year. A new responsibility has been assigned to the research dietitian. A trial lecture given to Harvard senior medical students proved so successful that it will next year become a permanent part of their schedule.

Twenty-one dietetic interns were enrolled in the School of Dietetics. They represented twelve states and one each from Hawaii, the Philippines and the British West Indies. Their experience in areas of administration, therapeutics, teaching, clinic and research, has been modified steadily to parallel departmental adjustments.

The year ahead offers great challenge, as we review current policies, define present responsibilities, and set goals for the future.

LOUISE HATCH
Director of Dietary Department and School of Dietetics

Report of the Treadwell Library

THE Treadwell Library has had a busy and productive year. The statistics are a little higher than for last year, although we had thought they would fall off somewhat because of the ever increasing size and number of departmental libraries.

In the spring, Dr. Henry R. Viets resigned from the Chairmanship of the Treadwell Library Committee. For sixteen years, as Chairman of the Committee, he has brought to Treadwell a background of experience in library administration and a fund of knowledge, especially of medical history, that has been very valuable to the Library. The librarian wishes to express her gratitude to him and hopes that, remaining a member of the Committee, he will continue his interest in the Library. We should like, at this time, to extend a welcome to Dr. Paul A. Zamecnik who replaces Dr. Viets as Chairman of the Committee.

Since January 1953, we have been very fortunate in having Miss H. Bernice Sweeney assist in secretarial work, one morning a week, on a volunteer basis. Her work, which is of very high order, is greatly appreciated.

In July, we requested that the Committee on Research allow the items bought from research funds for the Library to be integrated with the regular library volumes. This request was granted and the periodicals have already been shelved with the Library's holdings. We noted immediately the cessation of inquiries regarding the location of these journals.

Several new directories, including the two-volume set of "Who Was Who," have greatly facilitated the handling of reference questions. The current indices of articles, however, are still far from adequate.

We are extremely grateful to the following authors, who have kindly donated copies of their books. Dr. Fletcher H. Colby, Drs. Marian W. Ropes and Walter Bauer, and Dr. John A. Reidy. We are also very grateful to Dr Francis M. Rackemann for his volume of bound reprints of "Reviews of Allergy." We wish to thank all those who have been so thoughtful as to give

the Library the journals they do not wish to keep. These donations are appreciated, not only because they can be used as duplicate copies, but also for replacing lost items for the Treadwell as well as other libraries.

With this 1953 report the Treadwell Library changes from the calendar year to the Hospital's fiscal year (October 1 through September 30). Following the policy of the rest of the Hospital, the Library is repeating the statistics for the last three months of 1952 in the current year, in order to present a full year's results for comparison with those for 1952. The statistics follow:

	1953	*1952*
Number of periodical volumes	11,025	11,013
Number of other volumes	8,571	8,563
Number of pamphlets	9,113	9,258
Number of periodical subscriptions	216	212
Number of volumes loaned	8,184	7,903
Number of unbound periodicals loaned	2,118	2,271
Total number of loans	10,302	10,174
Number of items borrowed from other sources	3,042	2,848
Number of persons using library during day	28,650	28,360
Number of persons usings library during evening	2,484	2,809
Total number of persons using library	31,134	31,169

ELEANORE ASHTON LEWIS
Librarian

Report of the Warren Library

ACTIVITIES in Warren Library during the last year have been stimulated by the great generosity of friends of the library. This generosity has supplied us with an abundance of books and magazines to satisfy the increasing demands for reading materials by patients and staff. The great numbers of magazines we have received have made available a very generous supply to distribute to waiting rooms in the General Hospital and in the Out-patient Department. The unusually generous supply of new books has not only added interest and color to the book trucks, but has enabled us to replace with a new copy older favorites that were becoming shabby. Since bindery costs are steadily mounting and there are no facilities in the Library itself for rebinding, the replacement of worn copies still in demand through gifts has meant a considerable reduction in operating costs for the Library. These gifts also have enabled us to use regular book funds to build up special sections of the book stock that would otherwise have had to be neglected.

There has been evident during the past year an increased interest on the part of the many professional workers on the staff of the Hospital in furthering their education, or in taking special courses that will enable them to keep abreast of new methods and trends within their fields. Most of these "part-time students" find it difficult to reach school and public libraries before closing hour. Consequently there has been a greater than usual demand for reference materials from Warren Library. Unfortunately, we are ill equipped to give efficient help in this area. Because of the nature of the Library most of our book stock is too general in nature to be of much value to the student, and the room itself is too small to allow for desk space at which one may work. Wherever it has been possible, however, we have tried to add materials that could serve the dual purposes of therapy and study. Up to the present time this project has been limited to an increased purchase of classic literature and an attempt to obtain grammars and dictionaries of the foreign languages most often studied in school.

For the past year we have been fortunate in having the help of a most faithful and efficient volunteer. Mrs. Aslaug Lund has given a full day a week to the Library and has been of great assistance to us by doing the innumerable and unglamorous clerical chores that keep any library running smoothly. We greatly appreciate her help and hope that she has gained pleasure from her association with the Library.

The librarian would like to extend thanks to the members of the Ladies' Visiting Committee for their many efforts in our behalf. Their gifts and their unfailing interest in our work are extremely valuable to our endeavors.

Thanks are also extended to all who have been so generous to the Library during the past year. Their gifts have added greatly to our ability to supply just the right book to the right person.

The statistics for the year are as follows:

	1953	*1952*
Volumes issued to patients in General Hospital	19,283	16,099
Volumes issued to patients in Baker Memorial	17,290	15,739
Volumes issued to patients in Phillips House	5,157	10,531
Volumes issued to personnel	11,141	8,239
Total Volumes issued	52,537	49,031
Showing an increase of	3,506	
Total number of foreign books issued	2,479	4,462
Total number of juvenile books issued	3,046	2,126
Total number of magazines issued	18,961	11,953
Total readers for the year	14,631	12,679

KATHLEEN SERGOTT
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1956 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D
General Director

Statistical and Comparative Tables

The following statistical and comparative tables for the current year reflect the first Annual Report on a fiscal year basis ending on or about September 30.

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1944.....	1,655,932.	298,154.	388,641.	765,740.	$297,056.†	3,405,523.
1945.....	1,504,983.	400,760.	386,344.	905,566.	684,015.*	3,881,668.
1946.....	1,671,180.	466,732.	502,348.	1,176,624.	684,093.*	4,500,977.
1947.....	1,788,631.	533,661.	646,086.	1,393,308.	848,320.*	5,210,006.
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.*	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.

TOTAL ACCRUED EARNINGS

1944.....	798,099.	161,592.	437,271.	801,939.	289,784.†	2,488,685.
1945.....	654,342.	212,073.	445,731.	825,522.	588,417.*	2,726,085.
1946.....	718,392.	296,074.	570,422.	1,133,603.	443,731.*	3,162,222.
1947.....	924,913.	390,984.	669,825.	1,342,783.	551,456.*	3,879,961.
1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.*	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.*	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.

STATEMENT OF STOCK ON HAND

	Oct. 4, 1953	*Dec. 28, 1952*
Total Stock on Hand October 4, 1953 and December 28, 1952 respectively	$621,358.44	$670,037.68

* This represents Emergency Ward, private ambulatory, research, and non-patient earnings.
† The figure for 1944 represents items not allocable to any particular unit of the hospital, and not directly related to the care of patients.

GENERAL HOSPITAL

(Does not include Phillips House, see page 118, or Baker Memorial, see page 118)

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1944	7,677	145,731	19+ "	4,716
1945	7,532	144,274	19+ "	4,654
1946	7,227	135,824	18+ "	4,324
1947	7,594	124,203	17— "	4,579
1948	7,390	126,554	17+ "	5,339
1949	7,694	125,830	16+ "	5,259
1950	7,370	123,711	17— "	5,413
1951	7,232	115,904	16— "	4,885
1952	10,547	118,120	11+ "	4,793
1953	10,698	127,337	12— "	5,639

GENERAL STATISTICS

Patients in Hospital:	*Oct. 4 1953*	*Jan. 1 1953*	*Jan. 1 1952*
Medical	117	79	136
Surgical	161	165	147
Children	30	23	
Total	308	267	283

Patients admitted during year:	*1953*	*1952*
Medical	4,417	4,076
Surgical	5,415	5,518
Children	866	953
Total	10,698	10,547

Patients discharged during year:		
Against advice	63	35
Died	597	530
Otherwise discharged	10,012	9,968
Total	10,672	10,533

Patients' days treatment: (Reckoned from discharge rates)	*1953*		*1952*	
Paying patients	82,769	(65%)	77,959	(66%)
Part-paying patients	38,201	(30%)	33,074	(28%)
Free patients	6,367	(5%)	7,087	(6%)
Total	127,337	(100%)	118,120	(100%)

	1953	*1952*
Net income, General Hospital	$ 1,922,423.63	$1,641,270.00
Total number of patient days	127,337	118,120

	1953	*1952*
Average number of patients per day	350	325
Number of beds available	452	452
Percentage of beds occupied	77%	72%
Autopsies	63%	66%
Per capita earnings (excluding special nurses	15.10	13.89
Per capita earnings on special fees	4.72	5.22
Per capita cost of foods, patients only	.80	.87

HOUSE PATIENTS

Residences

	1953	*1952*
Boston	4,132	4,004
Metropolitan Boston	4,178	4,117
Massachusetts (except Metropolitan Boston)	2,043	2,059
Outside of Massachusetts	345	367
Total	10,698	10,547

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Receipts
1944	13,142	1.86+	24,506.19	15,159.22
1945	13,372	6.74	90,210.00	20,237.36
1946	14,100	9.68	136,481.50	40,318.89
1947	15,661	9.22	144,537.00	67,497.00
1948	16,713	10.51	175,654.00	85,942.00
*1949	15,822	3.54	56,026.21	15,322.46
*1950	15,335	6.15	94,348.29	15,151.30
*1951	18,449	7.94	146,576.74	47,978.23
*1952	20,243	8.16	165,108.60	71,149.46
*1953	21,231	9.02	191,442.62	86,891.65

*Overnight Ward excluded.

COMBINED OUT-PATIENT DEPARTMENT

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1944	21,391	234,058	775+	128,821
1945	20,287	226,978	754+	126,119
1946	21,678	237,630	787—	123,293
1947	21,448	229,095	758+	116,040
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Receipts	Aver. Daily Receipts	M. G. H. Share of Receipts
1944	424,075‡	296,825‡	1.81+‡	276,072	1.18—	161,591
1945	568,878‡	400,760‡	2.51‡	333,632	1.47	212,074
1946	660,410‡	466,732‡	2.78+‡	448,278	1.89	296,074
1947	760,330‡	533,661‡	3.32—‡	570,294	2.49—	390,984
1948	860,608‡	609,577‡	3.69+‡	650,158	2.79—	438,380
1949	1,034,253‡	753,983‡	5.00+‡	696,044	3.37	479,556
1950	940,238‡	645,898‡	4.80+‡	697,505	3.56	477,294
1951	911,217‡	710,433‡	4.96+‡	676,259	3.68	441,982
1952	918,728‡	726,900‡	5.17+‡	697,498	3.93	484,020
1953	943,852‡	779,549‡	5.34+‡	645,901	3.66	489,568

New Patients

Men	5,204	Residents of Boston	5,997
Women	5,620	Outside of Boston	8,958
Children	4,131		14,955
Total	14,955		

Total attendance	176,587	Percentage of free service	22%
Daily average	585+		

‡Funds contributed by outside individuals or foundations for research, or for any other purposes for which the hospital would not have appropriated funds, have been deducted.

	New Patients		Subsequent Visits	
	1953	*1952*	*1953*	*1952*
Medicine	1,393	1,470	17,636	17,170
Alcohol	29	6	512	85
Allergy	30	50	7,286	7,323
Anemia	1	1	438	429
Arthritis	1	0	1,271	1,296
Diabetes	0	0	2,056	2,200
Gastro-Intestinal	0	0	1,228	1,310
Heart	11	9	829	848
Hypertension	2	1	636	596
Nutrition	0	0	631	635
Ovarian Dysfunction	14	14	469	524
Pulmonary	7	7	628	622
Rheumatic Fever	2	1	766	873
Thyroid	8	8	2,834	2,688
Dermatology	1,116	1,141	8,769	9,379
Syphilis	30	39	2,292	2,521
Neurology	325	327	5,788	5,653
*Language	6	10	2,637	3,140
Psychiatry	204	156	4,792	4,726
Children's Medicine	634	598	4,762	4,022
Adolescent Endocrine	21	20	370	262
Surgery	514	579	10,676	11,115
Fracture	6	2	2,447	2,451
Hand	5	4	85	112
Plastic Surgery	9	13	202	241
Rectal Surgery	2	3	603	638
Vascular Surgery	0	2	410	422
Gynecology	180	185	2,877	2,799
Orthopedic Surgery	592	588	7,323	7,343
Infantile	5	3	382	358
Scoliosis	5	9	161	177
Urology	176	175	3,825	3,887
Stone	0	0	200	197
Dentistry	190	242	3,546	3,386
Tumor	392	290	8,825	8,783
Semi-Private Tumor	13	33	168	285
General Hospital Clinics	5,923	5,986	108,360	108,496
General Hospital Totals	5,923	5,986	108,360	108,496
Ear, Nose and Throat	3,209	3,194	17,931	
Eye	5,823	5,127	35,341	
Eye & Ear Infirmary Totals	9,032	8,321	53,272	54,875
Combined Out-Patient Department Totals	14,955	14,307	161,632	163,371

	1953	*1952*
Total Attendance	176,587	177,678

† Restated to eliminate Staff Clinic separated from Out-Patient Department Jan. 1, 1949.
* Both veterans and non-veterans. In 1948 non-veterans carried in Neurology, veterans in Veterans Clinic.

PHILLIPS HOUSE

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of Operations
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	
1944....	504	1,319	257	2,080	245	30,640	15—	1,366
1945....	451	1,262	257	1,970	244	29,744	15+	1,421
1946....	521	1,280	261	2,062	242	31,469	15—	1,456
1947....	529	1,391	390	2,310	356	31,191	13+	1,580
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414

	1953	*1952*
Average number of patients per day	83	80—
Number of beds	94	94
Percentage of beds occupied	88 %	85 %
Autopsies	65+%	62+%
Per capita earnings, excluding special nurses	38.71	36.50
Per capita earnings on special fees excluding board and special nurses	12.49	12.74
Per capita cost of food, patients only	1.80	1.83

BAKER MEMORIAL

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of Operations
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	
1944....	1,189	3,892	779	5,860	655	90,808	15+	3,759
1945....	1,198	3,598	758	5,554	644	88,279	16—	3,690
1946....	1,477	4,237	925	6,639	774	98,072	15—	4,189
1947....	1,380	4,316	954	6,650	882	91,874	13+	4,136
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	0	7,919	0	93,496	11+	6,233

	1953	*1952*
Average number of patients per day	256+	242
Number of beds available	294	305
Percentage of beds occupied	87 %	79 %
Autopsies	56 %	62—%
Per capita earnings, excluding special nurses	26.49	26.16
Per capita earnings on special fees excluding board and special nurses	8.64	8.55
Per capita cost of food, patients only	1.06	1.14
Average professional fee per patient	145.83	140.74
Average Hospital charge per patient	343.12	338.84
Average Hospital charge per patient, including professional fees, but excluding special nurses	468.04	458.89

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences

	1953	1952
Boston	1,685	1,594
Massachusetts (except Boston)	5,008	4,819
Maine	129	144
New Hampshire and Vermont	312	321
Rhode Island and Connecticut	385	373
New York	139	128
Other States	248	227
British Provinces	6	6
Other Foreign Countries	7	8
Total	7,919	7,620

Combined Statistics for all Units for 1953

	General Hospital	Phillips House	Baker Memorial	Total
Number of patients admitted	10,698	2,696	7,919	21,313
Number of patients days	127,337	30,121	93,496	250,954
Number of operations	5,639	1,414	6,233	13,286
Average number of patients	350	83	256	689

RADIOLOGICAL DEPARTMENT

General Hospital

	1953	1952
House patients examined	10,906	9,438
Out-Patient Department patients examined	14,705	13,138
Emergency Ward patients examined	6,994	5,940
Total number patients examined	32,605	28,516
X-ray treatments given	15,838	8,521
Total number patients examined and treated	48,443	37,037

Phillips House

	1953	1952
House patients examined	2,941	2,084
Private patients examined	643	461
Total number patients examined	3,584	2,545
X-ray treatments given	1,165	802
Total number patients examined and treated	4,749	3,347

Baker Memorial

	1953	1952
House patients examined	8,012	5,537
Private patients examined	2,976	1,914
Total number patients examined	10,988	7,451
X-ray treatments given	6,496	6,493
Total number patients examined and treated	17,484	13,944

Entire Hospital (Combined Statistics)

	1953	1952
Total number patients examined	47,177	38,512
Total number treatments given	23,499	15,816
Total number patients examined and treated	70,676	54,328

Radium Therapy

Treatments given:	*1953*	*1952*
General Hospital (including Eye and Ear Infirmary)	103	101
Phillips House	5	11
Baker Memorial	27	42
Total number treatments given	135	154

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1953*		*1952*	
Out-Patient Department	3,777	(22.9%)	5,782	(30.4%)
General Hospital (including Eye and Ear Infirmary)	7,068	(42.8%)	7,191	(37.8%)
Phillips House	755	(4.6%)	503	(2.6%)
Baker Memorial	3,210	(19.4%)	4,012	(21.2%)
Private ambulatory patients	1,701	(10.3%)	1,531	(8.0%)
Total treatments given	16,511	(100%)	19,019	(100%)
New Patients	1,414		1,940	

Occupational Therapy

Treatments given:	*1953*		*1952*	
Out-Patient Department	217	(2.3%)	238	(2.3%)
General Hospital	8,610	(90.8%)	8,537	(84.4%)
Phillips House	41	(0.4%)	27	(0.3%)
Baker Memorial	449	(4.8%)	426	(4.2%)
Private ambulatory patients	163	(1.7%)	708	(7.0%)
Storrow House	0		183	(1.8%)
Total Treatments given	9,480	(100%)	10,119	(100%)
New Patients	913		674	

SCHOOL OF NURSING

	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
Average No. of Graduates on General Hospital Staff	96	96	112	140	159	181	195	195	213	203
Average No. of Graduates on Baker Memorial Staff	68	61	75	82	87	94	97	86	79	74
Average No. of Graduates on Phillips House Staff	42	41	49	57	57	61	57	56	56	54
Average No. Accepted Pupils	380	425	378	268	213	214	268	292	293	286
Average No. Preclinical Students	77	63	38	49	62	76	75	87	93	83
Average Total	633	686	682	596	578	626	692	716	734	700
Total No. Preclinical Students Admitted	219	176	110	117	135	138	140	158	150	133
Preclinical Students Dropped and Resigned	41	39	22	29	42	20	19	27	19	20
Accepted Pupils Dropped and Resigned	24	34	43	12	8	4	4	21	20	14
Total Dropped and Resigned	65	73	65	41	50	24	23	48	39	34
Average No. of Graduates on General Hospital Staff—*Part time		7	10	13	14	15	14	11	7	8
Average No. of Graduates on Baker Memorial Staff—Part time		5	6	6	7	9	6	4	8	5
Average No. of Graduates on Phillips House Staff—Part time		24	17	13	10	8	7	6	3	4
Total Part time graduates		36	33	32	31	32	27	21	18	17

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1953	*1952*
Total Number of In-Patient Days*	250,954	233,890
Total Income	$7,575,212.22	$6,941,795.74
Deduct Non In-Patient Income:		
Other Income	1,412,264.17	1,329,661.35
Out-Patient Department	451,869.37	400,406.00
Emergency Ward	86,060.55	66,463.50
Private Ambulatory	149,497.33	142,307.75
	2,099,691.42	1,938,838.60
Total In-Patient Income	$5,475,520.80	$5,002,957.14
Income Per In-Patient Day	$21.82	$21.39
Total Expenses	$9,733,543.67	$9,286,423.85
Deduct Non In-Patient Expense:		
Non-Operating & Research	1,534,791.41	1,481,856.45
Non-Patient	1,039,646.98	892,134.73
Out-Patient Department	779,549.48	726,899.96
Emergency Ward	191,442.62	165,108.60
Private Ambulatory	131,342.53	121,137.13
	3,676,773.02	3,387,136.87
Total In-Patient Expense	$6,056,770.65	$5,899,286.98
Cost Per In-Patient Day	$24.13	$25.22

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1936 TO OCTOBER 4, 1953

	General Hospital											Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths								Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average
1936	7,931	4,798	1,436	1,697	62,922	78,110	459	5.66	421	298	385+	37,067	253,025	2,218	62	2.79	98	43	78+	5,319	185	3.47	234	149	195−
1937	7,784	4,383	1,668	1,733	65,047	67,225	426	5.47	405	271	362+	33,669	265,987	2,323	69	2.97	100	41	82−	5,523	187	3.39	239	141	204+
1938	7,490	4,222	1,580	1,688	67,788	64,579	366	4.89	395	303	363−	30,997	279,096	2,487	58	2.33	99	53	81−	5,439	201	3.70	244	149	206+
1939	7,220	3,895	1,545	1,780	69,642	64,827	386	5.35	398	309	368+	28,564	323,039	2,400	53	2.21	102	53	85+	5,732	171	2.98	243	131	208+
1940	7,591	4,249	1,523	1,819	75,458	68,834	390	4.91	421	323	394+	26,607	317,708	2,450	58	2.29	101	47	88−	6,158	180	2.92	281	155	232−
1941	7,622	4,504	1,221	1,897	77,879	67,086	389	5.10	429	325	397+	26,385	289,306	2,409	61	2.53	102	61	89+	6,775	195	2.88	292	172	254+
1942	7,823	4,874	1,361	1,588	91,341	54,938	389	4.97	438	340	401+	27,712	266,272	2,392	70	2.93	102	52	88+	6,692	183	2.73	299	189	255+
1943	7,910	5,473	1,156	1,281	111,043	36,324	403	5.09	439	281	404−	22,576	235,708	2,277	75	3.29	101	63	87−	6,609	184	2.79	304	208	261−
1944	7,677	5,783	761	1,133	†72,423	†73,308	409	5.33	437	315	398+	21,391	234,058	2,080	50	2.40	94	55	84−	5,860	162	2.76	276	204	248+
1945	7,532	5,896	496	1,140	62,737	8,537	410	5.44	438	280	395−	20,287	226,978	1,970	68	3.45	94	56	81+	5,554	146	2.61	271	188	242−
1946	7,227	5,800	656	771	58,358	77,466	359	4.97	448	274	372+	21,678	237,630	2,062	60	2.90	97	63	86+	6,639	164	2.46	305	217	272−
1947	7,594	5,589	1,263	742	66,499	60,204	417	5.49	380	268	342+	21,448	229,095	2,310	57	2.47	96	55	85+	6,650	178	2.68	298	210	251−
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344−	23,051	210,084	2,277	67	2.94	96	46	79−	7,312	192	2.48	319	189	268+
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348+	19,179	206,826	2,257	55	2.44	95	40	77−	7,112	181	2.54	300	126	230+
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340−	16,590	195,849	2,494	72	2.88	76	37	79−	7,190	202	2.81	283	151	248+
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291+	15,065	183,667	2,440	66	2.78	100	41	78−	7,262	199	2.74	302	146	244+
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325−	14,307	177,657	2,632	88	3.34	103	45	80−	7,620	194	2.54	300	145	242+
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350−	14,955	176,587	2,696	86	3.19	107	51	83−	7,919	206	2.60	323	168	256+

Total number of patients admitted to General Hospital from the year 1821 — 492,948
" " " " " " Phillips House " " " 1917 — 80,918
" " " " " " Baker Memorial " " " 1930 — 145,056

718,922

†See footnote, page 105 (General Statistics).

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING OCTOBER 4, 1953

Gross Earnings at Standard Rate	Total 1952	Total 1953	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory
Day Rate Service	$4,375,131.31	$4,719,177.55	$ 806,076.20	$1,728,605.28	$2,184,496.07	.....	.....	.....
Out-Patient Adm. Fees	294,594.63	294,934.57	.....	.....	.....	294,934.57	.....	.....
Emergency Ward Fees	60,979.71	59,886.96	.....	.....	.....	.....	59,886.96	.....
Operating Room	445,927.67	457,571.24	70,867.34	232,720.56	147,211.11	107.00	291,25	6,373.98
Delivery Room	5,800.00	.....	.....	.....	.....	.....	.....	.....
Anesthesia	202,711.65	214,308.73	46,630.00	113,307.80	52,409.93	808.00	388.50	764.50
X-Ray	567,142.65	622,190.93	97,146.25	155,404.75	134,420.50	110,001.43	27,572.50	97,645.50
Laboratories	418,884.04	475,324.48	96,374.80	149,263.27	145,953.06	34,604.75	4,218.00	44,910.60
Blood Bank	188,999.99	191,452.99	38,268.00	84,880.25	67,573.74	41.00	680.00	10.00
Physical Therapy	48,534.65	48,324.85	4,155.50	12,457.25	20,192.01	1,447.79	5.50	10,066.80
Pharmacy	240,764.82	244.750.47	13,319.84	37,061.30	54,398.04	139,548.49	391.05	31.75
Occupational Therapy	2,843.61	1,914.95	8.60	270.80	903.40	1.25	.....	730.90
Ambulance	581.00	597.78	.....	.....	572.78	.....	25.00	.....
Surgical Apparatus	20,432.05	22,285.02	1,751.95	8,022.00	1,024.75	10,345.32	.....	1,141.00
Inhalation Therapy	43,782.61	50,578.08	7,574.46	14,092.55	28,909.82	1.25	.....	.....
Total Earnings from Services to Patients	6,917,110.39	7,403,298.60	1,182,172.94	2,536,085.81	2,838,065.21	591,840.85	93,458.76	161,675.03
Deductions from Earnings Charity Allowances	781,393.59	706,126.74	.....	4,686.57	554,695.01	139,971.48	6,003.68	770.00
Other Rebates and Losses	309,044.76	363,218.19	30,133.48	62,397.74	267,452.19	.....	1,394.53	1,840.25
Net Provisions for Doubtful Accounts	214,537.65	171.005.62	447.79	21,812.79	139,177.59	.....	.....	9,567.45
Total Deductions	1,304,976.00	1,240,350.55	30,581.27	88,897.10	961,324.79	139,971.48	7,398.21	12,177.70
Net Earnings from Services to Patients	5,612,134.39	6,162,948.05	1,151,591.67	2,447,188.71	1,876,740.42	451,869.37	86,060.55	149,497.33
Dietary	305,578.62	297,654.31	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,024,082.73	1,114,609.86	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	6,941,795.74	7,575,212.22	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Expense Statement

	Total 1953
Administration and General	$ 389,413.87
Housekeeping	236,925.14
Laundry & Linen	216,362.06
Plant Operation	88,126.91
Plant Maintenance	122,876.63
Maintenance of Personnel	596.82
Nutrition	699,737.65
Medical-Surgical Service	489,877.46
Nursing Service	1,320,920.97
Nurses Training School	540,181.16
Pharmacy	154,948.36
Social Service	86,510.10
Medical Records & Library	30,211.20
Inhalation Therapy	23,768.83
Operating Room	535,752.74
Anesthesia	209,041.71
X-Ray	427,903.87
Laboratories	418,855.78
Blood Bank	154,812.04
Physical Therapy	46,000.31
Occupational Therapy	17,303.84
Ambulance	66.12
Pharmacy (Drugs Sold)	169,056.13
Surgical Apparatus	27,258.19
Out-Patient Department	475,990.04
Emergency Ward	145,264.82
Other Uon-Patient Expenses	1,170,989.51
	$8,198,752.26
Research Expense	1,534,791.41
Total	$9,733,543.67
Salaries and Wages	6,196,166.83
Supplies and Expenses	3,537,376.84
Total	$9,733,543.67

Note: Due to changes in cost accounting methods this statement is not comparable to prior years.

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1952*	*Total 1953*
Earnings from services to patients		
Private Patients	$1,093,995.73	$1,182,172.94
Semi-Private Patients	2,418,589.04	2,536,085.81
Ward Patients	2,584,093.40	2,838,065.21
Out-Patient Department	582,546.98	591,840.85
Private Ambulatory	144,928.55	161,675.03
Emergency Ward	92,956.69	93,458.76
Total Earnings From Services to Patients	$6,917,110.39	$7,403,298.60
Less:—Deductions from earnings:		
Charity Allowances	$ 781,393.59	$ 706,126.74
Other Rebates and Losses	309,044.76	363,218.19
Net Provision for Doubtful Accounts	214,537.65	171,005.62
Total Deducations from Earnings	$1,304,976.00	$1,240,350.55
Net Earnings From Services to Patients	5,612,134.39	6,162,948.05
Other Income	1,329,661.35	1,412,264.17
Total Income	$6,941,795.74	$7,575,212.22
Operating Expenses		
Professional Care of Patients	$5,698,561.51	$5,663,734.36
Dietary Expenses	696,967.00	699,737.65
Housekeeping	229,937.55	236,925.14
Laundry & Linen	138,379.51	216,362.06
Plant Operation & Maintenance	203,989.66	211,003.54
Other Non-Patient Expenses	836,732.17	1,170,989.51
Total Operating Expenses	7,804,567.40	8,198,752.26
Net Operating Deficit	862,771.66	623,540.04
Add:—Non-Operating & Research Expenses	1,481,856.45	1,534,791.41
Net Deficit	2,344,628.11	2,158,331.45
Available From Treasurer For Expenses At Hospital	2,245,346.51	2,187,714.38
Final Deficit—Withdrawn From General Fund Principal	$ 99,281.60	$ (29,382.93)

MASSACHUSETTS GENERAL HOSPITAL

Statement of Stock on Hand October 4, 1953 and December 28, 1952

	Oct. 4, 1953	*Dec. 28 1952*
General Hospital Apothecary Out-Patient Department Apothecary	$234,484.20	$238,504.36
General Hospital Upper Store	106,666.15	141,884.08
General Hospital Lower Store	33,043.44	33,935.03
General Hospital Maintenance	140,741.04	143,486.13
General Hospital Postage	843.39	939.67
General Hospital Print Shop	4,047.54	6,764.46
Other	101,532.68	104,523.95
Total Stock on Hand	$621,358.44	$670,037.68

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1953, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL
COMPARATIVE YEAR-END BALANCE SHEET

	Sept. 30, 1953	*Sept. 30, 1952*
ASSETS		
CASH	$ 1,296,922.60	$ 1,847,453.45
INVESTMENTS		
Bonds	11,467,438.39	8,996,927.69
Stocks	10,231,194.94	10,055,259.10
Notes and Commercial Paper	1,544,531.27	1,292,994.79
Real Estate	274,799.50	277,210.50
NOTES RECEIVABLE	58,100.00	39,825.00
ACCOUNTS RECEIVABLE—PATIENTS AND OTHERS (Less Reserve for Bad Debts)	1,158,387.19	1,009,178.41
INVENTORIES OF SUPPLIES—AT COST	621,358.44	685,401.96
PREPAID ITEMS	37,664.71	24,759.48
INTEREST IN UNSETTLED ESTATES	8.00	8.00
PLANT	17,639,018.38	16,598,754.41
CONSTRUCTION ACCOUNTS	561,818.64	342,391.84
	$44,891,242.06	$41,170,164.63
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 363,513.90	$ 285,544.27
GENERAL FUND		
Treasurer's Account	2,545,766.51	1,356,900.25
Director's Account	1,517,446.44	1,587,582.11
Reserves	208,000.00	
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	4,502,189.01	3,597,083.20
Restricted as to Income	13,742,772.96	12,328,579.34
McLEAN HOSPITAL ENDOWMENT FUNDS	943,170.71	849,773.53
BUILDING FUNDS	1,148,542.24	1,078,817.49
FIDUCIARY FUNDS	323,160.44	322,004.87
FUNDS INVESTED IN PLANT	17,639,018.38	16,598,754.41
TEMPORARY FUNDS		
General Hospital	1,539,943.83	1,451,076.52
McLean Hospital	156,194.10	152,613.64
Fiduciary	6,115.00	4,768.52
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	255,408.54	1,556,666.48
	$44,891,242.06	$41,170,164.63

NOTE: In accordance with the period calendar in use in the Hospital, the assets and liabilities comprising the Director's account of the General Fund are stated as of October 4, 1953.

GENERAL HOSPITAL
CONDENSED INCOME STATEMENT

	1952-3 Twelve Months	*1952 Nine Months*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 270,732.05	$ 216,286.25
Annual Free Beds	9,162.00	8,637.00
Restricted	1,178,437.73	783,059.21
	$1,458,331.78*	$1,007,982.46*
INCOME FROM INVESTMENTS		
Unrestricted	$ 257,473.48	$ 161,556.01
Restricted	686,936.71	451,523.25
	$ 944,410.19	$ 613,079.26
OTHER INCOME		
From Trusts and Agents	$ 19,640.21	$ 12,683.87
Contributions for Connecting Building	15,613.00	12,010.00
Huntington Memorial Hospital	8,053.95	5,952.91
Miscellaneous	93,047.27	99,275.62
	$ 136,354.43	$ 129,922.40
TOTAL	$2,539,096.40	$1,750,984.12
PAYMENTS AND RESERVES FROM INCOME		
Added to Principal	$ 25,509.22	$ 17,036.39
Payments to Life Interests	2,717.44	505.66
Treasurer's Payments From Funds and Miscellaneous	115,155.36	28,505.29
Reserves for Workload Adjustment and Equipment	208,000.00	
	$ 351,382.02	$ 46,047.34
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$2,187,714.38	$1,704,936.78
HOSPITAL EXCESS OF EXPENSES	2,158,331.45	1,793,285.59
GAIN—ADDED TO GENERAL FUND PRINCIPAL	$ 29,382.93	
DEFICIT—WITHDRAWN FROM GENERAL FUND PRINCIPAL		$ 88,348.81

* Includes United Community Services Allocations of $255,390 in 1952-3 and $204,681 in nine months of 1952.

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT

	1952-3 Twelve Months	*1952 Nine Months*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 1,600.00	$ 0
Restricted	36,821.86	22,531.96
	$38,421.86	$22,531.96
INCOME FROM INVESTMENTS		
Unrestricted	$20,126.85	$14,737.30
Restricted	29,863.10	18,655.47
	$49,989.95	$33,392.77
OTHER INCOME		
From Trusts and Agents	$ 3,310.00	$ 1,545.00
Miscellaneous	7,464.84	10,655.79
	$10,774.84	$12,200.79
TOTAL	$99,186.65	$68,125.52
PAYMENTS FROM INCOME		
Added to Principal	$ 48.16	$ 75.90
Expenses Paid From Funds	8,118.06	6,041.37
	$ 8,166.22	$ 6,117.27
TREASURER'S NET RECEIPTS	$91,020.43	$62,008.25
HOSPITAL EXCESS OF EXPENSES	67,444.35	97,022.33
GAIN—ADDED TO FUNDS	$23,576.08	
DEFICIT—WITHDRAWN FROM FUNDS		$35,014.08

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$2,545,766.51
Reserves	$208,000.00	

GENERAL HOSPITAL FUNDS

	Income	Principal
ANESTHESIA FUND		$ 24,042.34
Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		
MARTHA B. ANGELL FUND		34,040.82
For medical and surgical experimentation on animals to the end of saving human lives.		
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND	594.34	8,000.00
"The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."		
JOHN ASHTON FUND		26,235.29
For diseased and wounded soldiers.		
Bequest $22,176.47		
Income Added 4,058.82		
BAKER MEMORIAL FUND		19,425.46
For the Baker Memorial.		
Sundry Bequests.		
BAKER MEMORIAL ASSISTANCE FUND	896.22	5,921.20
Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations.		
Bequest of Miss Carrie M. Jameson $5,601.20		
Sundry Gifts 320.00		
LILLIAN DOBIE BALBONI MEMORIAL FUND		31,750.67
Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best.		
Sundry Gifts.		
ARTHUR W. BLAKE FUND		25,000.00
Income for the study and cure of nervous diseases.		
Carried forward	$1,490.56	$174,415.78

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$1,490.56	$174,415.78
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department. Sundry Gifts $32,160.49 Income Added 11,655.79		43,816.28
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	– 6.51	1,000.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	513.80	6,858.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		330,248.13
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
Carried forward	$1,997.85	$684,721.39

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$1,997.85	$684,721.39
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital Sundry Gifts and Bequests	3,144.14	503,903.66
URIEL H. CROCKER FUND Income "to be used in the manner that said Hospital shall determine to be for the best interests of the Hospital." Bequest of Mrs. Annie J. Crocker		44,806.24
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	86.82	2,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	330.13	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.	88.77	100,450.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	1,662.88	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."		20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	5,214.02	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation ..... $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	1,012.89	66,164.36
Carried forward	$13,537.50	$1,499,293.56

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$13,537.50	$1,499,293.56
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards ..... 391,447.56 Sundry Bequests 100.00	24,091.06	391,547.56
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	252.32	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
EVANS-ELLIS FUND Income for any Hospital purpose. Bequest of Augustus H. Ellis.		281,255.48
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	234.33	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,803.93	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	13,866.92	4,110,583.84
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	447.89	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Out-Patient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.	128.15	10,000.00
Carried forward	$54,362.10	$6,431,973.27

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$54,362.10	$6,431,973.27
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."	1,133.45	50,053.58
CHARLES W. HOLTZER FUND Income for general research work.	921.48	41,666.67
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		2,901,955.77
HENRY CLAY JACKSON FUND Income for the general purposes of the Hospital. Gift of Paul Wilde Jackson Trust.		58,000.00
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	1,527.86	11,005.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.	250.00	44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	410.98	12,430.00
NATHANIEL T. KIDDER FUND Income for the general purposes of the Hospital.		690,137.61
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.		30,000.00
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	206.08	10,190.00
Carried forward	$58,811.95	$10,307,209.10

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$58,811.95	$10,307,209.10
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	26.88	121.36
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	106.66	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00	138.46	4,080.53
SAMUEL J. MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	4,503.38	16,010.81
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		712,570.97
Carried forward	$63,587.33	$11,748,494.12

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$63,587.33	$11,748,494.12
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used for the most approved method of treating hip disease due to accident to indigent children.		50,000.00
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.		26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	59.56	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	51.69	3,171.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	1,121.94	34,665.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,259.33	2,090.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	1,593.76	21,051.38
Carried forward	$67,673.61	$12,092,951.78

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$67,673.61	$12,092,951.78
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
EDWARD PIERSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	1,820.03	15,000.00
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones ..... $25,200.00 Dr. Edward P. Richardson .... 5,000.00 Mrs. Maurice Howe Richardson ..... 5,000.00 Sundry Gifts 5,200.00	2,194.94	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		7,764.89
MARY ELIZABETH SALTONSTALL FUND "Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	1,866.54	30,000.00
Carried forward	$73,555.12	$13,975,187.81

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$73,555.12	$13,975,187.81
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	489.38	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	–99.55	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	175.02	725.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	221.51	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	72.18	7,762.45
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	867.28	3,450.00
Carried forward	$75,280.94	$14,471,831.19

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$75,280.94	$14,471,831.19
TRAINING SCHOOL FOR NURSES FUND		40,037.92
Income for Training School for Nurses. Sundry Gifts and Bequests.		
TREADWELL LIBRARY FUND	2,701.18	7,555.00
Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00		
LAWRENCE TUCKER FUND		429,753.01
So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		
UROLOGICAL PERIODICALS FUND	133.79	1,000.00
Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.		
WARREN LIBRARY FUND	1,533.98	5,067.19
Income for books for patients. Sundry Gifts and Bequest.		
DEPENDENCE S. AND WALTER B. WATERMAN FUND		134,573.62
"Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		
GEORGE ROBERT WHITE FUND		2,914,112.32
To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury ..... 2,910,454.82 Sundry Gifts 3,657.50		
GEORGE ROBERT WHITE FUND		100,000.00
"Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		
GEORGE WIGGLESWORTH FUND		54,557.01
Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		
WOODEN LEG FUND	432.68	7,600.00
Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00		
Carried forward	$80,082.57	$18,166,087.26

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$80,082.57	$18,166,087.26
TEMPORARY FUNDS		
Special Purposes	1,315,886.46	
Endowment Income Undistributed to Funds	143,974.80	
TOTAL GENERAL HOSPITAL FUNDS	$1,539,943.83	$18,166,087.26

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	368,527.35
MASSACHUSETTS GENERAL HOSPITAL RESEARCH BUILDING FUND For a research laboratory building.	283,947.38
NURSES' HOME BUILDING FUND For the construction of a new Nurses' Home	98,623.82
PATHOLOGY BUILDING FUND For the construction of a Pathology Building.	259,531.35
CHILD PSYCHIATRY UNIT FUND For addition to Burnham Building	66,720.39
SUNDRY FUNDS	71,191.95
TOTAL BUILDING FUNDS	$1,148,542.24

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.	$	$ 21,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney.		1,548.16
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
Carried forward		$32,683.16

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$	$32,683.16
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	419.98	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,737.45
GENERAL FUND For any Hospital purpose.		252,655.06
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	341.98	2,385.95
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.	–46.00	2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS		
Special Purposes	149,888.54	
Endowment Income Undistributed to Funds	5,589.60	
TOTAL McLEAN HOSPITAL FUNDS	156,194.10	943,012.54

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND For the publication of a history of the Hospital. Bequest of N. I. Bowditch.	$	$ 2,000.00
BETTY DUMAINE FUND To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,017.18
THEODORE JEWETT EASTMAN FREE BED FUND Income payable to a life interest.		14,300.50
EYEGLASS FUND Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	2,761.32	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship. Gift of Dr. Chester M. Jones .... $8,602.72 Sundry Gifts ..... 3,900.00 Income Added 3,564.10		16,066.82
SARAH PROCTOR JOSLIN FUND Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
Carried forward	$2,761.32	$73,590.12

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$2,761.32	$73,590.12
FANNIE NEWELL SIMES FUND Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL TRAINING SCHOOL FOR NURSES ENDOWMENT FUND Income to be used as directed by vote of the Committee created under the Deed of Gift. Gifts of Massachusetts General Hospital Nurses Alumnae Association $15,421.82 Gift and Bequest of Miss Pauline L. Dolliver 10,663.73 Bequest of Mrs. Nathaniel Thayer 10,000.00 Sundry Gifts and Bequests 14,616.12 Income Added 105,745.16		156,446.83
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	3,353.68	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		14,864.58
Total Fiduciary Funds	$ 6,115.00	$278,791.37

SUMMARY

Principal Funds	$23,082,199.92
Temporary Funds	1,910,252.93
Funds Invested in Plant	17,639,018.38
General Hospital Director's Account	1,517,446.44
	$44,148,917.67
Gain	123,401.95
Funds	$44,272,319.62

Examination of Accounts

January 25, 1954

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1953 and the related condensed income statements of the General Hospital and the McLean Hospital for the twelve months ended at that date.

Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and note appended thereto, and the related condensed income statements present fairly the financial position of The Massachusetts General Hospital at September 30, 1953 and the results of its operations for the twelve months ended at that date in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

Patterson, Teele and Dennis.

GIFTS AND BEQUESTS 1952-3

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. William Bennett	$ 308.00	
Mrs. Catherine R. Binkley	5,283.28	
Mrs. Frances Pomeroy Daniels	8.41	
Dr. Lincoln Davis	5,000.00	
Mrs. Edith H. Goodnow	15,000.00	
Mrs. Mabel H. Green	538.38	
Mr. Sigmund Leve	380,709.96	
Miss Alice E. Pendleton	1,000.00	
Mr. Lewis I. Prouty	5,281.66	
Dr. William T. Salter	2,823.45	
Mrs. Elizabeth R. Vaughan	389,532.80	
Mrs. H. Sylvia A. H. G. Wilks	408,950.00	$1,214,435.94
Gifts of		
Anonymous	$86,494.12	
Mr. and Mrs. G. Peabody Gardner	200.00	
Mrs. George P. Gardner	300.00	
General Ice Cream Corporation	88.36	
K. J. Quinn & Co., Inc.	500.00	
Mr. Julian J. Smith	50.00	
Nathaniel and Elizabeth P. Stevens Foundation	50,000.00	
Mrs. E. Kent Swift	1,228.13	
Mr. E. Kent Swift	1,410.00	140,270.61
		$1,354,706.55

GENERAL HOSPITAL FUNDS

Fund No.			
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Gifts of		
	Miss Caroline Baker	$ 19.00	
	In Memory of John Flamingo		
	In Memory of George Joyce		
	Dr. Gerardo M. Balboni	200.00	
	Dr. and Mrs. Victor G. Balboni	25.00	
	Mr. and Mrs. Joseph Bonfiglioli	50.00	
	Mr. Pardo de Rensis	10.00	
	Mrs. George Harris	5.00	
	Mrs. Anna J. MacDonald	100.00	
	Italian Sacred Heart Church	50.00	
	Mr. Peter Salvi	100.00	
	In Memory of Mrs. Viola Scaramelli	100.00	659.00
1290	M.G.H. ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASE		
	Gifts of		
	Anonymous	$ 3,000.00	
	Miss Edith C. Farwell	10.00	
	Carried forward	$3,010.00	$1,355,365.55

	Brought forward	$3,010.00	$1,355,365.55
	Mrs. Noble Foss	300.00	
	Mr. Herbert V. Kilbrick	25.00	
	Mr. A. L. Kleven	1,000.00	
	Miss Mabel Louise Riley	1,000.00	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	16,000.00	
	Mr. Morris Simlovich	1,500.00	
	Mr. Richard P. Towne	500.00	23,335.00
1340	CUSHMAN FUND FOR SOCIAL SERVICE		
	Gift of Mrs. Charles F. Cushman		2,000.00
1360	CAROLINE ENGSTROM DAHL FUND		
	Gift of Brandegee Charitable Foundation		450.00
1370	JOHN CALL DALTON AND EDWARD BARRY DALTON FUND		
	Bequest of Miss Elizabeth L. Dalton		500.00
1710	INCOME UNRESTRICTED FUNDS		
	Gift of Mr. Otis Barton	$ 5.00	
	SAMUEL APPLETON FUND		
	Bequests of		
	Miss Maud E. Appleton	462,029.69	
	Miss Charlotte Peirce	10,000.00	
	DR. H. C. BICKFORD FUND		
	Bequest of Miss Maria R. Bickford	24,000.00	
	BINGHAM MEMORIAL FUND		
	Bequest of Mr. Henry Bingham	975.13	
	ALBERT N. BLODGETT FUND		
	Bequest of Dr. Albert N. Blodgett	17,887.50	
	MARY BUCKMINSTER MOORS FUND		
	Bequest of Mr. Arthur W. Moors	17,500.00	532,397.32
1770	DANIEL FISKE JONES MEMORIAL FUND		
	Gifts of		
	Mrs. Daniel Fiske Jones	$ 65.00	
	Mrs. J. Vaughan Merrick, 3rd	50.00	
	Mr. Quincy A. Shaw	200.00	315.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND		
	Gifts of		
	Anonymous	$ 1,000.00	
	Dr. and Mrs. Allan M. Butler	200.00	
	Mrs. Charles Weston	10.00	1,210.00
1820	MALLINCKRODT WARD FUND		
	Gift of Mr. Edward Mallinckrodt		30,000.00
1950	SAMUEL J. MIXTER FUND		
	Gifts of		
	Anonymous	$ 5.00	
	Mr. William T. Crawford	1,000.00	1,005.00
2020	FRANCIS A. NEWELL ENDOWMENT FUND		
	Bequest of Miss Edith Newell		50,000.00
	Carried forward		$1,996,577.87

Brought forward			$1,996,577.87
2180	JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND		
	Bequest of Mrs. Elsa Mason Lord Peabody		9,665.40
2190	PHILLIPS HOUSE NURSES LOAN FUND		
	Gifts of		
	Mr. Philip R. Larson	$ 25.00	
	Mr. Clarence C. Pell	10.00	35.00
2260	RESEARCH AND TEACHING FUND		
	Gifts of		
	Mr. Gordon Abbott	$ 100.00	
	Mrs. Edward B. Alford	100.00	
	Mr. Charles F. Ayer	153.48	
	Mrs. James B. Ayer	200.00	
	Mrs. Bart W. Baird	100.00	
	Bay State Abrasive Products Co.	800.00	
	Mr. James C. Bayley	100.00	
	Emile Bernat & Sons Co.	100.00	
	Frank Stanley Beveridge Foundation	100.00	
	Mrs. Taylor Black	100.00	
	Blanchard Machine Co.	100.00	
	Miss Sarah F. Bremer	100.00	
	Mr. and Mrs. George R. Brown	100.00	
	Cambridge Screw Company	200.00	
	Charitable Allotment Trust	100.00	
	Mrs. B. Preston Clark	100.00	
	Mr. William H. Coburn	100.00	
	Mr. Parker Converse	100.00	
	Mrs. Stephen Van R. Crosby	500.00	
	Mrs. Alan Cunningham	100.00	
	Mr. A. Garfield Davis	100.00	
	Mrs. James Dean	100.00	
	Dickie-Raymond, Inc.	100.00	
	Mrs. J. Raymond Dwyer	100.00	
	Mr. Charles F. Eaton, Jr.	100.00	
	Mr. David F. Edwards	100.00	
	Mrs. William Endicott	100.00	
	John R. Evans & Co., Inc.	100.00	
	Mr. F. L. Farrell	100.00	
	Farrington Manufacturing Company	100.00	
	Mr. Cyrus Y. Ferris	200.00	
	Mrs. Waldo E. Forbes	100.00	
	Mr. Isidor Fox	100.00	
	General Radio Company	500.00	
	Gillette Charitable Foundation	2,500.00	
	Mr. William Hale Harkness	100.00	
	Mr. Joel D. Harvey	150.00	
	Hathaway Bakeries, Inc.	100.00	
	Mr. Augustus Hemenway, Jr.	100.00	
	Mr. and Mrs. Harold D. Hodgkinson	109.06	
	Mr. Charles Hopkinson	100.00	
	Mrs. Clement S. Houghton	300.00	
	Mr. Alexander E. Hoyle	100.00	
	Mr. Francis W. Hunnewell	500.00	
Carried forward		$9,312.54	$2,006,278.27

	Brought forward	$9,312.54	$2,006,278.27
	Mr. James M. Hunnewell	100.00	
	Mr. Charles L. Hutchinson	100.00	
	Internatio (Wool) Inc.	100.00	
	Mrs. John H. Johnson	100.00	
	Mrs. W. C. Johnson	100.00	
	Miss Mary R. Joslin	100.00	
	Mr. Henry P. Kendall	200.00	
	Dr. Frank H. Lahey	1,000.00	
	Mr. and Mrs. Louis Laven	100.00	
	The Lenk Foundation	100.00	
	Mason-Neilan Regulator Co.	100.00	
	Miss Nancy Monahan	100.00	
	Dr. and Mrs. John P. Monks	100.00	
	Mr. Warren Motley	100.00	
	New England Electrotype Co.	150.00	
	Mr. and Mrs. Stephen Paine	100.00	
	Parker Charitable Foundation	200.00	
	Mrs. Cortlandt Parker	500.00	
	Penn Metal Company, Inc.	500.00	
	Mr. Frederick S. Pratt	200.00	
	Mr. Alfred Redfield	100.00	
	Mr. Franklin Remington	250.00	
	Rice Barton Corporation	100.00	
	Mrs. George W. Richardson	300.00	
	Miss Deborah W. Sayles	100.00	
	Mr. and Mrs. Winthrop L. Sheedy	100.00	
	Miss Bertha Snow	100.00	
	Dr. and Mrs. William D. Sohier, Jr.	500.00	
	Mr. John F. Spence	100.00	
	Stowe-Woodward, Inc.	200.00	
	Mr. William A. Thibodeau	100.00	
	Miss Alice A. Thorp	500.00	
	Dr. John J. Tobin	100.00	
	Mr. and Mrs. Franklin T. Towle	100.00	
	Miss Rose Townsend	100.00	
	Mrs. H. D. VanRiper	100.00	
	Mr. John Ward	100.00	
	Mr. Francis C. Welch	100.00	
	The Whitinsville Foundation	500.00	
	Mr. Parker W. Whittemore	100.00	
	Mrs. Charles W. Whittier	100.00	
	Mr. George L. Wrenn, 2nd	100.00	
	*1018 Donations of under $100.00	13,284.43	30,496.97
2390	MARTHA A. SARGENT FREE BED FUND Bequest of Mr. William A. Sargent		65,850.41
2470	SOCIAL SERVICE FUND Bequest of Mr. Bernard J. Rothwell		4,021.03
2750	GEORGE ROBERT WHITE FUND Bequest of Mrs. Harriet J. Bradbury		24,590.40
2815	UNRESTRICTED FREE BED FUNDS ITALIAN FREE BED FUND Bequest of Mr. Dominic Perazzo	$ 24.39	
	Carried forward	$24.39	$2,131,237.08

Brought forward		$24.39	$2,131,237.08
	MAX LEO LIPSON FREE BED FUND		
	Bequest of Mr. Max Leo Lipson	500.00	524.39
2869	SERIAH STEVENS FREE BED FUND		
	Gift through Trustee Under Will of		
	Dr. Ruey Bartlett Stevens		2,000.00
2910	CONVALESCENT HOSPITAL FUND		
	Gifts of		
	Mr. Theodore O. Nicholson	$ 200.00	
	Trustees Under Will of Mrs. Helen O. Storrow	2,451.65	2,651.65
			$2,136,413.12

BUILDING FUNDS

GENERAL BUILDING FUND

Gifts of		
Mr. and Mrs. Campbell Bosson	$ 25.00	
Mr. and Mrs. Lloyd D. Brace	1,500.00	
Mr. and Mrs. J. Gardner Bradley	525.00	
Mr. John B. Brightman	10.00	
Mr. Henry Frankenberger	50.00	
Mr. and Mrs. Francis C. Gray	900.00	
Dr. and Mrs Bernard M. Jacobson	40.00	
Mr. Skiddy M. Lund	5.00	
Miss Amelia Peabody	2,175.00	
Miss Brenda M. Pope	5.00	
Mr. William B. Rogers	50.00	
Miss Alice Thorndike	25.00	5,310.00

NURSES' HOME BUILDING FUND

Gifts of		
Miss Kathleen H. Atto	$ 25.00	
Mr. and Mrs. Joseph Berry	100.00	
Nurses' Training School, Class of 1947 In Memory of Helen N. Bowden	5.00	
Miss Marguerite Burke	25.00	
Mrs. A. E. Cox	5.00	
Miss Anna M. Crotty	25.00	
Mrs. Charles E. Dearing	10.00	
Mrs. Frank M. Ferrin	25.00	
Miss Halina Filipak	10.00	
Mrs. Joseph Garland	10.00	
Mrs. Karl Gruppe	10.00	
Mrs. Charles W. Hall	25.00	
Mrs. Jeannette Reed Hill	5.00	
Mrs. Robert Homans	2,000.00	
Mrs. H. S. Irwin	5.00	
Miss Helen Kneeland	5.00	
Mrs. W. S. Matthie	75.00	
Mrs. William Nivison	5.00	
Donated Plant from the Estate of Mrs. Mary Bartlett Noyes	580,178.73	
Miss Nena S. Ouellet	3.00	
Carried forward	$582,551.73	$2,141,723.12

Brought forward	$582,551.73	$2,141,723.12
Mrs. Nelson Polsby	30.00	
Mrs. R. W. Puddington	3.00	
Mrs. H. A. Rasmussen	25.00	
Mrs. Thorvald S. Ross	500.00	
Mrs. James Rowland	5.00	
Miss Alvira B. Stevens	50.00	
Miss Mildred Stevens	25.00	
Miss Marjory Stimson	20.00	
Mrs. Alice Barnard VanArman	10.00	
Miss Hope Wheelock	10.00	583,229.73
OFFICE—OUTPATIENT BUILDING FUND		
Gift of Dr. Walter Bauer		100.00
PATHOLOGY BUILDING FUND		
Gifts of		
Mr. John Adams	$ 100.00	
Mrs. George R. Agassiz	300.00	
Mr. Solomon Agoos	100.00	
Mrs. William T. Aldrich	100.00	
Mrs. Edward B. Alford	100.00	
Mrs. Arthur M. Allen	100.00	
Dr. and Mrs. Arthur W. Allen	100.00	
Mrs. Frank G. Allen	150.00	
Dr. and Mrs. Henry F. Allen	100.00	
Mr. and Mrs. Philip R. Allen	2,052.00	
Mr. William Amory	500.00	
Mr. and Mrs. David B. Arnold	350.00	
Mr. A. B. Atwood	100.00	
Mrs. Grace G. Atwood	100.00	
Dr. and Mrs. James B. Ayer	300.00	
Mr. James Baddeley	100.00	
The Bailey Company, Inc.	250.00	
Baird & Bartlett Company	100.00	
Mr. Herbert N. Baldwin	100.00	
Mr. and Mrs. James T. Baldwin	100.00	
Rt. Rev. Robert P. Barry	100.00	
Dr. and Mrs. M. K. Bartlett	100.00	
Mr. Sidney W. Bartlett	100.00	
Mr. Thomas R. Bateman	200.00	
Mrs. Philip M. Battles	100.00	
Bay State Abrasive Products Co.	800.00	
Mr. James C. Bayley	100.00	
Mr. and Mrs. Lawrence Beebe	100.00	
Mr. and John H. Bellows	100.00	
Mrs. Harry H. Bemis	100.00	
Dr. and Mrs. Edward B. Benedict	250.00	
Mr. Armand W. Benoit	100.00	
Mr. and Mrs. Edward L. Bigelow, Jr.	100.00	
Mr. Charles S. Bird	100.00	
Mrs. Francis W. Bird	200.00	
Mr. Charles M. Black	200.00	
Mrs. Taylor Black	100.00	
Mr. Benjamin S. Blake	112.25	
Mr. and Mrs. Henry M. Bliss	2,831.25	
Carried forward	$10,995.50	$2,725,052.85

Brought forward	$10,995.50	$2,725,052.85
Mr. and Mrs. Campbell Bosson	220.00	
Boston American League Baseball Company	1,000.00	
Boston Edison Company	2,000.00	
Boston Insulated Wire & Cable Co.	500.00	
Boston Linotype Print, Inc.	100.00	
C. G. Bostwick Co.	100.00	
Mrs. David A. Brayton	250.00	
Miss Sarah F. Bremer	100.00	
Mr. and Mrs. George W. W. Brewster	100.00	
A. H. Bright Trust	100.00	
Brockway-Smith-Haigh-Lovell Company	500.00	
Hon. Lawrence G. Brooks	100.00	
Mr. and Mrs. George R. Brown	100.00	
Mr. L. B. Buchanan	500.00	
Dr. Nancy L. R. Bucher	100.00	
Mr. Francis V. Bulfinch	100.00	
Mr. and Mrs. John M. Bullard	1,000.00	
Miss Nina H. Burnham	100.00	
Mrs. Charles S. Butler	100.00	
Mr. and Mrs. Charles C. Cabot	100.00	
Godfrey L. Cabot Charitable Trust	2,500.00	
Mr. and Mrs. Paul C. Cabot	100.00	
Calumet & Hecla, Inc.	100.00	
Dr. Bradford Cannon	150.00	
Mr. and Mrs. Houghton Carr	100.00	
Mr. and Mrs. Lyndall F. Carter	1,000.00	
Dr. Edwin F. Cave	300.00	
Prof. and Mrs. A. Chafee, Jr.	100.00	
Mr. Carey J. Chamberlin	200.00	
Miss Louise M. Chamberlin	100.00	
John Chany Fund	100.00	
Mr. and Mrs. E. Barton Chapin	300.00	
Mr. Alfred E. Chase	200.00	
Miss Alice P. Chase	200.00	
Mr. and Mrs. Theodore Chase	100.00	
Mr. H. Ward Christopher	250.00	
Frederic C. Church Foundation	1,000.00	
Circle Lounge & Grille, Inc.	200.00	
Mr. and Mrs. William H. Claflin, Jr.	2,000.00	
Dr. and Mrs. George O. Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	150.00	
Mrs. Robert J. Clark	100.00	
Mrs. Addison W. Closson	100.00	
Mrs. Ledyard Cogswell, Jr.	100.00	
Mr. Filippo Colasanti	200.00	
Mr. R. Perry Collins	500.00	
Colonial Management Associates	500.00	
Columbian National Life Insurance Co.	500.00	
Comtor Company	100.00	
Mr. Paker Converse	100.00	
Coolidge, Shepley, Richardson & Abbott	1,000.00	
Mrs. James E. Cooper	1,000.00	
Couch Ordnance, Inc.	100.00	
S. H. Couch Company, Inc.	100.00	
Mr. Francis A. Countway	500.00	
Carried forward	$32,315.50	$2,725,052.85

Brought forward	$32,315.50	$2,725,052.85
Charles M. Cox Trust Fund	100.00	
Mrs. Gardner Cox	150.00	
In Memory of Caroline and Margo Crawford	500.00	
Miss Lucy Clarendon Crehore	150.00	
Mrs. Bartow Crocker	100.00	
Rev. and Mrs. John Crocker	100.00	
Mrs. S. V. R. Crosby	500.00	
Dr. John W. Cummin	100.00	
Mrs. Stanley Cunningham	100.00	
Miss Frances G. Curtis	300.00	
Mrs. Louis Curtis	100.00	
Mr. and Mrs. Louis Curtis	100.00	
Mr. and Mrs. Frederic H. Curtiss	100.00	
Mr. Harold G. Cutler	100.00	
Mr. Fred L. Daggett	500.00	
Fred L. Daggett, Charitable Trust	350.00	
Mr. Edward Dana	100.00	
Davies, Rose & Company, Limited	500.00	
Mr. A. Garfield Davis	100.00	
Dean Welfare Trust	500.00	
Mr. Frank A. Dewick	100.00	
Mr. W. Endicott Dexter	100.00	
Mr. Robert G. Dodge	100.00	
Dr. Gordon A. Donaldson	100.00	
In Memory of Mrs. Abby Dougherty Smith	100.00	
Draper Top Company	500.00	
Mr. William Drinkwater	100.00	
Mrs. Samuel S. Drury	100.00	
Mr. and Mrs. E. M. Dunham	200.00	
Dr. Richard W. Dwight	100.00	
Mrs. Edward S. Dwyer	100.00	
Mr. Henry T. G. Dyson	100.00	
Mr. David F. Edwards	100.00	
Mr. William Ehrlich	200.00	
Mrs. William Emerson	500.00	
Esleeck Manufacturing Co.	200.00	
Mr. and Mrs. Augustus H. Eustis	100.00	
Mr. Albert P. Everts	100.00	
Mr. and Mrs. Frank K. Ewing	100.00	
Mr. and Mrs. B. A. Fairbank	100.00	
Mr. Wallace Falvey	100.00	
Mr. F. L. Farrell	100.00	
Mr. William Ferguson	525.00	
Mr. Cyrus Y. Ferris	500.00	
Mrs. Sewall H. Fessenden	100.00	
Fidelity Management & Research Company	500.00	
First National Stores Inc.	5,000.00	
Mr. Joseph Fishman	100.00	
Mrs. Stephen S. FitzGerald	500.00	
Mr. and Mrs. Donald B. Fleming	100.00	
Mrs. Henry Flynt	100.00	
Foley, Hoag & Eliot	150.00	
Mr. Allan Forbes	100.00	
Mrs. Allyn B. Forbes	100.00	
Forte', Dupee, Sawyer Charitable Foundation	100.00	
Carried forward	$48,040.50	$2,725,052.85

Brought forward	$48,040.50	$2,725,052.85
Fram Corporation	500.00	
Mr. Randolph Frothingham	100.00	
The Fuller Foundation, Inc.	10,000.00	
Mr. R. H. Ives Gammel	100.00	
Mr. and Mrs. G. Peabody Gardner	250.00	
Mr. Emerson G. Gaylord	2,500.00	
General Thread Mills, Inc.	100.00	
Gillette Charitable Foundation	1,000.00	
Mr. Hollis T. Gleason	100.00	
Mr. Frederick A. Godley	100.00	
Mr. Albert K. Goldman	100.00	
Goodman & Goodman	100.00	
Mr. Arthur M. Goodridge	100.00	
Mrs. Frederic S. Goodwin	200.00	
Mr. Robert E. Goodwin	700.00	
Barnett D. Gordon Family Foundation	100.00	
Mr. Crawford Gordon	1,000.00	
Granthale Foundation, Inc.	2,000.00	
Mr. Francis Gray	100.00	
Mr. Reginald Gray	200.00	
Great Atlantic & Pacific Tea Company	500.00	
Mrs. Theodore A. Greene	100.00	
Mr. Harold A. Grout	100.00	
Mr. Emil Grube	100.00	
Mr. and Mrs. Henry R. Guild	400.00	
Gulf Oil Corporation	100.00	
Mrs. H. S. Hall	350.00	
Mr. Francis A. Harding	100.00	
Mr. Norman Harrower	100.00	
Mr. Joel D. Harvey	100.00	
Mr. and Mrs. Merrill G. Hastings	100.00	
Mr. Francis W. Hatch	100.00	
Miss V. Pauline Hayden	100.00	
Mr. B. Howard Henderson	100.00	
Mrs. Christian A. Herter	200.00	
Miss Elizabeth Hewins	200.00	
S. D. Hicks & Son Company	100.00	
Mr. F. L. Higginson	100.00	
Mr. Frederick W. Hill	100.00	
Mrs. William C. Hill	100.00	
Mrs. Waldo H. Holcombe	100.00	
Mr. Amor Hollingsworth, Sr.	500.00	
The Hopedale Foundation	2,500.00	
Mr. Charles Hopkinson	100.00	
Hoppe Tool Works, Inc.	200.00	
Mr. Harry Horner	592.50	
Mr. and Mrs. Franklin P. Horton	100.00	
Dr. and Mrs. John D. Houghton	150.00	
Mrs. Charles P. Howard	100.00	
Mrs. Parkman D. Howe, Jr.	100.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	250.00	
Mr. Alexander E. Hoyle	100.00	
Mr. and Mrs. Arnold W. Hunnewell	500.00	
Mr. James M. Hunnewell	100.00	
Carried forward	$76,033.00	$2,725,052.85

Brought forward	$76,033.00	$2,725,052.85
Miss Louisa Hunnewell	3,000.00	
Mr. and Mrs. Walter Hunnewell	500.00	
Mr. Willard P. Hunnewell	100.00	
Mr. and Mrs. William P. Husband, Jr.	500.00	
Mr. Maynard Hutchinson	100.00	
Mrs. Edwin E. Jack	500.00	
Mr. and Mrs. James Jackson, Jr.	100.00	
Mr. and Mrs. Patrick T. Jackson	13,500.00	
Mr. T. E. Jewell	100.00	
Mrs. Mitchell Johnson	100.00	
Miss Mary R. Joslin	100.00	
Mr. and Mrs. Mark R. Jouett	150.00	
Mr. John H. Joy	100.00	
Mr. and Mrs. Joseph Kaplan	100.00	
Mrs. Carl T. Keller	2,250.00	
Mr. Henry P. Kendall	200.00	
Dr. James R. Killian, Jr.	100.00	
Mr. Arthur W. Kimbell	577.50	
Dr. Roger Kinnicutt	100.00	
Mrs. Henry W. Kneeland	100.00	
Mr. Benjamin Kulp	100.00	
Mr. J. Philip Lane	132.50	
Mr. Simon G. Laties	100.00	
Mr. and Mrs. Henry A. Laughlin	864.50	
Mr. Louis Laven	100.00	
Mrs. James Lawrence, Jr.	200.00	
Mr. Stanley H. Lawton	500.00	
Dr. George A. Leahey	100.00	
Mrs. George C. Lee	250.00	
The Lenk Foundation	100.00	
Mr. Harold M. Lewis	100.00	
Dr. Robert R. Linton	100.00	
Mrs. Robert R. Linton	100.00	
Arthur D. Little, Inc.	1,000.00	
Lombard Governor Corporation	2,000.00	
Mr. and Mrs. L. M. Lombard	100.00	
Mr. William B. Long	250.00	
Mr. Henry Loomis	100.00	
Mr. Caleb Loring	728.13	
The Losordo Family	500.00	
Mrs. Francis B. Lothrop	100.00	
Dr. Oliver A. Lothrop	100.00	
Mr. and Mrs. Ralph Lowell	500.00	
Lowell Sun Publishing Company	100.00	
Mrs. H. T. Lummus	100.00	
Mr. James L. Madden	250.00	
Mr. M. L. Madden	250.00	
Mr. Charles D. Maginnis	100.00	
Mr. G. W. Mailman	100.00	
Mr. John C. Makepeace	500.00	
Marlboro Wire Goods Company	500.00	
Marsh & McLennan Foundation, Inc.	2,500.00	
Mr. and Mrs. Leo J. Marshall	200.00	
Miss Eleanor P. Martin	100.00	
Mrs. Andrew Mason	1,000.00	
Carried forward	$112,135.63	$2,725,052.85

Brought forward	$112,135.63	$2,725,052.85
Mr. Charles E. Mason, Jr.	100.00	
Massachusetts Indemnity Insurance Co.	100.00	
Mr. Robert W. Maynard	100.00	
Miss Emily W. McKibbin	100.00	
Mr. William R. McNeil	200.00	
Meigs Associates	500.00	
Mr. John Lee Merrill	150.00	
Dr. Jost J. Michelsen	500.00	
Mr. and Mrs. James J. Minot	153.75	
George W. Mitton Memorial Foundation	500.00	
Mr. and Mrs. John A. Moir	600.00	
Geo. C. Moore Wool Scouring Mills	100.00	
Mr. and Mrs. Weld Morgan	100.00	
Mrs. Henry A. Morss	500.00	
Mr. Sherman Morss	100.00	
Morton's Inc.	100.00	
Mr. B. P. P. Moseley	100.00	
Mr. Warren Motley	100.00	
National Biscuit Company	200.00	
National Blank Book Company	500.00	
Mr. Alexander S. Neilson	100.00	
Mr. Adnah Neyhart	100.00	
W. H. Nichols Company	500.00	
Mrs. G. J. Guthrie Nicholson	250.00	
Mr. Walter J. Noonan	100.00	
Northern Steel Inc.	100.00	
Mr. George Olmsted, Jr.	500.00	
Mr. and Mrs. Stephen Paine	200.00	
Mr. Walter C. Paine	100.00	
Dr. Alwin M. Pappenheimer	250.00	
Mr. Albert L. Partridge	100.00	
Mr. W. N. Patten	100.00	
Miss Elizabeth R. Peabody	100.00	
Mrs. E. S. Peck	100.00	
Mr. Elliott Perkins	200.00	
Mrs. Thomas Nelson Perkins	500.00	
Mrs. Sherman Perry	100.00	
Mr. William G. Perry	100.00	
Mrs. Charles H. Pettit	2,000.00	
In Memory of Mrs. Eleanor L. Phillips	500.00	
Mrs. J. D. Phillips	500.00	
Pickhardt & Ellis	100.00	
Mr. Myron E. Pierce	100.00	
Mr. Ervin Pietz	100.00	
Mr. Richard Pigeon	100.00	
Joseph Pollak Corporation	100.00	
Mrs. Eugene H. Pool	500.00	
In Memory of George v. L. Meyer, Jr.		
Mr. Arthur K. Pope	100.00	
Popkin Foundation	100.00	
William H. Porter Company, Inc.	100.00	
Mrs. George H. Powers	100.00	
Mr. and Mrs. H. G. Powning, Jr.	100.00	
Mrs. W. Elliott Pratt, Jr.	607.50	
Mr. R. W. Price	100.00	
Carried forward	$125,646.88	$2,725,052.85

Brought forward	$125,646.88	$2,725,052.85
Mrs. Lewis I. Prouty	2,500.00	
Raffi and Swanson, Inc.	100.00	
Miss Eleanor Rantoul	500.00	
A. C. Ratshesky Foundation	300.00	
Mr. and Mrs. Alfred C. Redfield	100.00	
Reed and Barton Corporation	1,000.00	
Mr. J. Preston Rice	216.25	
Mr. Charles O. Richardson	133.75	
Dr. Edward P. Richardson	100.00	
Dr. George S. Richardson	500.00	
Mrs. George W. Richardson	300.00	
Mrs. John Richardson	100.13	
Mr. and Mrs. Dwight P. Robinson, Jr.	100.00	
Mr. Fred N. Robinson	500.00	
Dr. Richard S. Rodgers	100.00	
Mr. Dudley P. Rogers	500.00	
Mr. Samuel Rosen	100.00	
Dr. Carter R. Rowe	100.00	
Mrs. Robert Saltonstall	100.00	
Mr. Pasco Sammartino	150.00	
Sanborn Company	100.00	
Mr. Forunato de Almeida Santos	200.00	
Mr. Henry J. Sargent	100.00	
Miss Deborah W. Sayles	200.00	
Mrs. Robert W. Sayles	100.00	
Mrs. J. H. Scharin	100.00	
Mrs. Louis W. Schine	100.00	
Dr. Milford D. Schulz	100.00	
Mr. and Mrs. Hugh D. Scott	100.00	
Miss Evelyn G. Sears	100.00	
Mr. Philip S. Sears	100.00	
Mrs. S. J. Shallow	1,000.00	
Dr. George C. Shattuck	100.00	
Mr. and Mrs. Winthrop L. Sheedy	100.00	
Mr. Mortimer Singer	100.00	
The Slotnik Charitable Fund	100.00	
A. L. Smith Iron Co.	100.00	
Dr. and Mrs. Clement A. Smith	100.00	
Dr. M. N. Smith-Petersen	100.00	
Mrs. William B. Snow	100.00	
Dr. and Mrs. William D. Sohier, Jr.	500.00	
Mrs. Huntley N. Spaulding	5,000.00	
Mr. Huntley N. Spaulding	5,000.00	
Spaulding-Moss Company	250.00	
Mr. John F. Spence	100.00	
Prof. O. M. W. Sprague	200.00	
Mr. Phineas Shaw Sprague	1,000.00	
Mrs. Phineas W. Sprague	616.88	
Mrs. Edwin L. Steele	100.00	
Mr. Alan Steinert	200.00	
Mrs. Edith Ames Stevens	100.00	
Mr. George Stevens	100.00	
Mr. Robert H. Stevenson	300.00	
Mr. Gilbert L. Steward	100.00	
Stop & Shop, Inc.	250.00	
Carried forward	$150,063.89	$2,725,052.85

Brought forward	$150,063.89	$2,725,052.85
Mr. Robert H. Storer	100.00	
Mr. Howard Sturges	100.00	
Mr. Neville Sturgis	500.00	
Suffolk Grocery Co., Inc.	100.00	
Miss Florence A. Sullivan	1,000.00	
Dr. William H. Sweet	100.00	
Mrs. John Sylvester	537.19	
Mr. Charles H. Taylor	100.00	
Mr. William O. Taylor	200.00	
Dr. Henry C. Thacher	200.00	
Miss Alice A. Thorp	400.00	
Mr. Samuel J. Tomasello	100.00	
Towle Manufacturing Company	250.00	
Miss Elizabeth Townsend	100.00	
Tredennick-Billings Company	150.00	
Mrs. Sears Tuckerman	250.00	
Mr. and Mrs. Howard M. Turner	200.00	
United-Carr Fastner Corporation	1,000.00	
United Merchants Foundation, Inc.	250.00	
Dr. Beth Vincent	500.00	
Mr. and Mrs. F. Frank Vorenberg	151.00	
Mr. and Mrs. Samuel Wakeman	100.00	
Mr. George R. Walker	130.00	
Mrs. Norman Wallace	100.00	
Mr. John Ward	100.00	
Dr. John R. Ward	100.00	
Ward Meat Co., Inc.	100.00	
Mr. Ralph H. Ward	100.00	
Ward Steel Co.	100.00	
Mr. and Mrs. Malcolm Ware	100.00	
Mrs. Guy Waring	100.00	
Mrs. Orville G. Waring	250.00	
Mrs. Bayard Warren	200.00	
Mr. and Mrs. Howland S. Warren	250.00	
Mr. David M. Watchmaker	100.00	
Edwin S. Webster Foundation	3,000.00	
Trustees under will of Frederick W. Webster	2,000.00	
Dr. Claude E. Welch	225.00	
Mr. Francis C. Welch	100.00	
Mrs. Stephen M. Weld	100.00	
Mr. and Mrs. Walter W. Weld	100.00	
Mr. Louis B. Wellington	250.00	
Mr. and Mrs. J. Cheney Wells	500.00	
Albert B. Wells Trusts	1,000.00	
Mr. B. F. Whalen	100.00	
Mrs. Elizabeth H. Wharton	100.00	
Mr. and Mrs Leeds A. Wheeler	100.00	
Mr. James N. White	100.00	
White, Weld & Co.	200.00	
Mrs. M. O. Whiting	100.00	
Mr. Max O. Whiting	100.00	
Whiting, Weeks & Stubbs	500.00	
The Whitinsville Foundation	500.00	
Whitinsville Spinning Ring Company	1,000.00	
Mr. Parker W. Whittemore	100.00	
Carried forward	$168,357.08	$2,725,052.85

Brought forward	$168,357.08	$2,725,052.85
Mrs. Charles W. Whittier	100.00	
Mr. and Mrs. Robert G. Wiese	100.00	
Mr. and Mrs. Sydney M. Williams	103.25	
Mr. and Mrs. Ben L. Wilson	100.00	
Mrs. G. Herbert Windeler	1,000.00	
Mr. Kennard Winsor	100.00	
J. W. Wood Elastic Web Co.	1,000.00	
Mr. and Mrs. Paul I. Wren	100.00	
Mrs. Warren M. Wright	100.00	
Hon. Charles E. Wyzanski, Jr.	200.00	
*2,795 Donations of under $100.00	57,808.41	229,068.74
TRACY B. MALLORY MEMORIAL FUND — PATHOLOGY BUILDING		
Gifts of 317 donors		5,630.51
RESEARCH BUILDING FUND		
Gift of Mr. Carl E. Burdick		500.00
		$2,960,252.10

McLEAN HOSPITAL FUNDS

Fund No.		
1	GENERAL FUND	
	Gift of Mr. William H. Nye	500.00
60	ANNABELLA McCRAE SCHOLARSHIP FUND	
	Gift of Mrs. Charles A. Coolidge	100.00
		$2,960,852.10

FIDUCIARY FUNDS

FOSTER FAMILY FUND	
Bequest of Mrs. Mary F. S. Foster	5,000.00
TOTAL PRINCIPAL FUNDS	$2,965,852.10

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

SUBSCRIBERS TO ANNUAL FREE BEDS

Mr. and Mrs. Philip R. Allen	$	400.00
Mrs. William H. Ames		100.00
Anonymous		20.00
Mr. Francis Henry Appleton		100.00
"In Memory of Fanny Tappan Appleton"		
"In Memory of Francis Henry Appleton"		
Mr. and Mrs. Nelson S. Bartlett		100.00
Mrs. Edward B. Bayley		100.00
Mr. Thomas P. Beal		100.00
"In Memory of Mrs. Ida DeFord Beal"		
Mr. and Mrs. Thomas P. Beal		100.00
Mrs. Arthur W. Bell		100.00
Mrs. Taylor Black		300.00
Mrs. J. D. Cameron Bradley		100.00
Mr. Gorham Brooks		150.00
Mr. and Mrs. Robert J. Clark		100.00
"In Memory of Ensign Robert FitzGerald Clark"		
Miss Lucy Clarendon Crehore		100.00
"In Memory of Charles L. Crehore"		
Mr. and Mrs. S. V. R. Crosby		100.00
Miss Isabella Curtis		100.00
Mrs. Louis Curtis		100.00
"In Memory of Louis Curtis"		
Mr. and Mrs. Louis Curtis		100.00
Miss Margaret Curtis		125.00
Miss Mary Curtis		100.00
Mrs. Malcolm Donald		100.00
Mr. and Mrs. Augustus H. Eustis		100.00
"In Memory of Ernest W. Bowditch"		
Miss Edith S. Fisher		100.00
Mrs. Stephen S. FitzGerald		500.00
"In Memory of Francis Blake"		
Mr. and Mrs. Francis C. Gray		400.00
Mrs. C. Nichols Greene		100.00
"In Memory of Charlotte Peabody Nichols"		
Mrs. Arthur D. Hill		200.00
Mr. James M. Hunnewell		200.00
Mrs. James Jackson		100.00
Miss Aimee Lamb		500.00
Mr. and Mrs. George Lewis, Jr.		100.00
Miss Marjorie C. Loring		500.00
"In Memory of Alice Robbins Cole"		
Mrs. Guy Lowell		200.00
"In Memory of Alice Sargent"		
"In Memory of Andrew Robeson Sargent"		
Carried forward		$5,595.00

Brought forward	$5,595.00	
Mr. Ralph Lowell "In Memory of Mary Ellen Lowell"	100.00	
Mr. and Mrs. Ralph Lowell "In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital"	100.00	
Mr. and Mrs. Ronald T. Lyman	155.00	
Mr. and Mrs. Samuel Mixter	200.00	
Mr. and Mrs. Henry A. Morss, Jr.	200.00	
Mrs. Henry A. Morss	100.00	
Mrs. Franklin H. Palmer	100.00	
Miss Amelia Peabody	200.00	
Dr. and Mrs. Francis M. Rackemann "In Memory of Mr. and Mrs. S. P. Mandell"	100.00	
Mr. Neal Rantoul	1,000.00	
Saint Paul's Episcopal Church, Dedham	100.00	
Mrs. Robert Saltonstall	100.00	
1916 Sewing Circle	100.00	
Mr. Henry L. Shattuck	200.00	
Miss Eleanor Sohier	100.00	
"In Memory of Frank W. and Frances E. Cutler Sprague"	100.00	
Mr. and Mrs. Malcolm B. Stone	100.00	
Mrs. James A. Sullivan	100.00	
Mrs. Rudolph Weld "In Memory of Rudolph Weld"	200.00	
Mrs. Henry Wolcott "In Memory of James M. Codman"	100.00	
Women's Italian Club of Boston	112.00	9,162.00

CURRENT EXPENSE FUND

Gifts of

Mr. and Mrs. Gordon Abbott	$ 100.00	
Agoos Family Charity Fund, Inc.	250.00	
Mrs. Horatio Alden	100.00	
Dr. Franklin G. Balch	100.00	
Mr. Charles B. Barnes, Jr.	465.59	
Mr. and Mrs. William Bentinck-Smith	200.00	
Mr. and Mrs. H. B. Bigelow	200.00	
The Blanchard Foundation	1,000.00	
Mrs. Henry G. Bradlee	100.00	
Dr. Madelaine R. Brown	100.00	
Dr. and Mrs. Edwin F. Cave	300.00	
Miss Alice P. Chase	100.00	
Mr. Philip P. Chase	100.00	
Committee of the Permanent Charity Fund Inc.	18,000.00	
Mrs. William C. Cox	150.00	
Miss Lucy Clarendon Crehore	150.00	
Carried forward	$21,415.59	$9,162.00

Brought forward	$21,415.59	$9,162.00
Mrs. Thaddeus DeFriez	100.00	
Mr. Walter F. Dillingham	100.00	
Mr. Eben S. Draper	250.00	
Mr. and Mrs. Frederic A. Eustis	100.00	
Mrs. James M. Faulkner	200.00	
Mrs. Gardiner H. Fiske	250.00	
Miss Edith M. Fox	250.00	
Mr. R. H. Ives Gammell	500.00	
Mr. and Mrs. Francis C. Gray	600.00	
Mrs. Reginald Gray	400.00	
Mr. Reginald Gray	900.00	
Mrs. Henry V. Greenough	1,500.00	
Mr. Henry V. Greenough	100.00	
Grosberg Family Charity Fund, Inc.	100.00	
Mr. W. H. Hinman	851.00	
Dr. Robert R. Linton	100.00	
Miss Marjorie C. Loring	100.00	
Mrs. Sherburn M. Merrill	500.00	
Dr. and Mrs. John P. Monks	1,000.00	
Miss Amelia Peabody	300.00	
Mrs. Eugene H. Pool	100.00	
Mr. and Mrs. John R. Post	150.00	
Mr. and Mrs. George Putnam	1,000.00	
Mr. Neal Rantoul	1,000.00	
Mrs. Arthur W. Rice	100.00	
Miss Mabel Louise Riley	150.00	
Mrs. Robert Saltonstall	400.00	
Mrs. Harriet H. Sanders	100.00	
Mr. and Mrs. Malcolm B. Stone	140.00	
Miss Elizabeth Townsend	200.00	
United Community Services	233,012.67	
Mrs. Guy Waring	100.00	
Mrs. George E. Warren	500.00	
Mrs. Samuel D. Warren	100.00	
Dr. and Mrs. Charles J. White	150.00	
Sarah T. Winthrop Memorial Fund	500.00	
Mr. John G. Wolbach	1,000.00	
*84 Donations of Under $100.00	1,912.79	$270,732.05
DR. JOSEPH C. AUB PORTRAIT FUND		
Gifts of 236 Sundry Donors		1,514.00
CUSHMAN FUND FOR SOCIAL SERVICE		
Mrs. Charles F. Cushman		75.00
Carried forward		$281,483.05

*The publication of these 3,897 names would require 85 additional pages. They are regretfully omitted in the interest of economy.

Brought forward		$281,483.05
KETCHUM FUND		
Anonymous	$ 1,000.00	
Mr. and Mrs. Lloyd D. Brace	112.00	
Colonial Management Associates	100.00	
Mr. and Mrs. Francis C. Gray	500.00	
Mrs. Robert Homans	180.00	1,892.00
MACOMBER FUND		
Mr. and Mrs. Francis C. Gray	$ 1,100.01	
Mr. John R. Macomber	1,462.50	2,562.51
SMITH-PETERSEN MEMORIAL FUND		
William M. and Frances M. Everberg	$ 5.00	
Dr. and Mrs. Nathaniel W. Faxon	10.00	15.00
SPECIAL FUND FOR EXPENSES OF DR. THOMOPOULOS		
Mr. Thomas A. Pappas		300.00
DR. PAUL D. WHITE PORTRAIT FUND		
Sundry Donors		50.00
		$286,302.56

Funds For Special Purposes

ANESTHESIA DEPARTMENT		
Fund No.		
3021	National Academy of Sciences Fund for Analgesic Potency Studies of Postoperative Patients in Pain u/d Dr. Beecher	$12,509.25
3022	National Academy of Sciences Fund for Analgesic Potency Studies of Postoperative Patients in Pain u/d Dr. Beecher	2,809.75
3062	U.S. Public Health Service Fund for Study of Curare and Other Commonly Used Muscle Relaxants with Regard to their Circulatory and Respiratory Effects u/d Dr. Beecher	12,216.94
BIOCHEMISTRY RESEARCH LABORATORY		
3077	M.G.H. Research Fund for Support of Infectious Disease Research Laboratory u/d Dr. Paine Grant from Trustees under the will of Charles A. King	10,000.00
3080	Loomis Institute for Scientific Research Fund for the support of Dr. Pitt-Rivers	3,000.00
3120	The Commonwealth Fund for Studies in Cellular Metabolism u/d Dr. Lipmann	10,750.00
3170	Sundry Gifts for Research u/d Dr. Lipmann American Cancer Society, Inc.	500.00
	Carried forward	$338,088.50

	Brought forward	$338,088.50
3220	Life Insurance Medical Research Fund for Research on Enzyme Mechanisms in Biosynthesis u/d Dr. Lipmann	14,580.00
3227	U.S. Public Health Service Fund for Study of Carboxyl Activation as a Preliminary in Biosynthetic Reaction u/d Dr. Lipmann	5,740.03
3228	U.S. Public Health Service Fund for Study of Carboxyl Activation as a Preliminary in Biosynthetic Reaction u/d Dr. Lipmann	10,792.00
3256	The Rockefeller Foundation Fund for Research in Enzyme Chemistry u/d Dr. Lipmann	13,200.00
3265	Jane Coffin Childs Memorial Fund For Fellowship and Expenses of Dr. Hoch u/d Dr. Lipmann	2,250.00
BRAIN WAVE LABORATORY		
3335	Sandoz Chemical Works Fund for Research in Parkinsonism and Epilepsy u/d Dr. Schwab	1,170.00
3360	Hoffmann-La Roche Fund for Study of Fatigue in Muscles Using Prostigmine u/d Dr. Schwab	2,106.00
3365	Warner-Hudnut, Inc. Fund for Investigation of Various Drugs u/d Dr. Schwab	1,930.00
3370	National Foundation for Infantile Paralysis, Inc. Fund for Poliomyelitis Research u/d Dr. Schwab	7,300.00
3380	Eli Lilly and Company Fund for the Study of Compounds in Treatment of Parkinson's Disease and Myasthenia Gravis u/d Dr. Schwab	3,600.00
3390	Edwin Minot Memorial Fund for Research in Electroencephalography Medical Research Foundation of Boston, Inc.	250.00
3395	American Cyanamid Company Fund for Studies in Neurological Therapeutic Research u/d Dr. Schwab	1,500.00
3401	G. D. Searle & Co. Fund for Research in Parkinson's Disease	1,053.00
3406	Parke, Davis & Company Fund for Research in the Use of Antihistamines in Parkinsonism u/d Dr. Schwab	1,500.00
3415	Abbott Laboratories Fund for Anticonvulsion Research u/d Dr. Schwab	1,000.00
CANCER RESEARCH		
3450	M.G.H. Cancer Research Fund Anonymous	5,000.00
3473	American Cancer Society, Inc. Fund for Research in the Field of Cancer	105,000.00
3474	American Cancer Society, Inc. Fund for Research in the Field of Cancer	37,500.00
3511	Damon Runyon Memorial Fund for Cancer Research	53,700.00
	Carried forward	$607,259.53

	Brought forward		$607,259.53
	CANCER, HUNTINGTON MEMORIAL LABORATORY		
3580	"Aid for Cancer Research" Fund for the Salary of John Grover		550.00
3590	U.S. Public Health Service Fund for the Laboratory Expenses of Dr. John G. Freymann		540.00
3605	American Cancer Society, Inc. Fund for Research on the Protein Metabolism of Tumors u/d Drs. Aub and Zamecnik		9,000.00
3606	American Cancer Society, Inc. Fund for Research on the Protein Metabolism of Tumors u/d Drs. Aub and Zamecnik		2,051.39
3610	American Cancer Society, Inc. Fund for Research on the Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		7,171.53
3611	American Cancer Society, Inc. Fund for Research on the Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		2,500.00
3630	Dean Welfare Trust Fund to Supply Special and Unusual Drugs and Medicine for Huntington Patients		50.00
3650	American Cancer Society (Mass. Div.), Inc. Fund for a Pilot Project in Three Dimensional Tissue Culture of Human Tumors u/d Drs. Aub and Hall		4,330.00
3690	Godfrey H. Hyams Trust Fund at the Disposal of Dr. Aub		10,800.00
3700	American Cancer Society, Inc. Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		1,681.00
3745	Jane Coffin Childs Memorial Fund for a Study of Urinary Steroid Metabolites in Cancer u/d Drs. Nathanson and Engel		
3746	Jane Coffin Childs Memorial Fund for a Study of Urinary Steroid Metabolites in Cancer u/d Drs. Nathanson and Engel		8,380.00
3755	American Cancer Society, Inc. Fund for a Study of Radioactive Potassium Uptake of Benign and Malignant Breast Tumors u/d Dr. Nathanson		4,058.64
3870	Sundry Gifts for Research u/d Dr. Aub		
	"In Memory of Mrs. Esther W. Apthorp"	$ 45.00	
	"In Memory of Mrs. Beatrice Bennett"	10.00	
	Mrs. Henry C. Berlin	100.00	
	Bordeaux Belles	28.00	
	"In Memory of Miss Betsy M. Chamberlain"	5.00	
	"In Memory of Mrs. Dorothy Dewey Comstock"	374.00	
	"In Memory of Dr. Isabel Thomas Day	10.00	
	Mrs. Addie L. Dean	10.00	
	"In Memory of Norman E. Dupee"	5.00	
	"In Memory of Louis A. Gale"	62.00	
	Carried forward	$649.00	$666,752.09

Brought forward		$649.00	$666,752.09
	Mr. Charles Gronus	20.00	
	Mrs. A. P. Guiles	1,000.00	
	"In Memory of Henderson Inches"	100.00	
	"In Memory of John Kaitz"	1.00	
	"In Memory of Mrs. Francis Kramer"	2.00	
	"In Memory of Everett L. MacLeod"	10.00	
	"In Memory of Miss Edith MacPhee"	2.00	
	"In Memory of Miss Sigrid Martinson"	35.50	
	"In Memory of Joseph H. Powers"	15.00	
	Mr. and Mrs. Philip Silverman	9.00	
	"In Memory of Cornelius J. Sullivan"	45.50	
	"In Memory of Nils P. Swanson"	10.00	
	"In Memory of Mrs. Raymond A. Taylor"	10.00	
	"In Memory of Emlyn S. Vose"	78.00	
	Miss Eileen M. Weller	25.00	
	"In Memory of C.G.N. and L.W.B."	10.00	2,022.00
3902	U.S. Public Health Service Fund for a Study of the Cytochemical Manifestations of Growth u/d Dr. Aub		8,234.70
3903	U.S. Public Health Service Fund for a Study of the Cytochemical Manifestations of Growth u/d Dr. Aub		17,623.64
3910	American Cancer Society, Inc. Fund for a Scholar in Cancer u/d Dr. Scott		6,000.00
3920	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		33,449.63
3921	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		23,382.91
3925	Atomic Energy Commission Fund for Cancer Research u/d Dr. McDermott		6,942.58
4118	American Cancer Society, Inc. Fund for Salary of a Research Secertary u/d Dr. Nathanson		3,499.20
DERMATOLOGY SERVICE			
4415	Dr. G. Marshall Crawford Memorial Fund Sundry Donors		315.00
4426	Parke, Davis & Company Fund for Study of the Reaction of Adhesive Tape on the Skin u/d Dr. Blank		4,273.41
4430	White Laboratories, Inc. Fund for Dermatology Studies u/d Dr. Frazier		6,500.00
ENDOSCOPY SERVICE			
4500	Maud Benson Benedict Memorial Fund for Endoscopy and Research Drs. Edward B. and Patricia H. Benedict		750.00
FREE CARE			
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		2,000.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		1,937.50
Carried forward			$783,682.66

	Brought forward		$783,682.66
4625	Sundry Memorial Gifts for Free Care		
	"In Memory of Mrs. Esther W. Apthorp"	$ 230.00	
	"In Memory of Benjamin Berkall"	2.00	
	"In Memory of Mrs. Mary E. Brackett"	25.00	
	"In Memory of Galen H. Clevenger"	5.00	
	"In Memory of Dr. George Clymer"	10.00	
	"In Memory of Hyman J. Epstein"	50.50	
	"In Memory of Charles F. Fedey"	10.00	
	"In Memory of Dr. Frederick E. Garland"	60.00	
	"In Memory of Wallace H. Gephart"	5.00	
	"In Memory of Mrs. Gretchen Noyes"	10.00	
	"In Memory of George Stanley Parker"	25.00	
	"In Memory of Dr. Wyman Richardson"	25.00	
	"In Memory of George Shaw"	25.00	
	"In Memory of Dr. Channing C. Simmons"	10.00	
	"In Memory of William E. Soule"	25.00	
	"In Memory of Leona Sparkman"	11.25	
	"In Memory of Gertrude Spitz"	10.00	
	"In Memory of Mrs. Constance Gilpin Yerxa"	25.00	563.75
4680	Sundry Gifts for the Purchase of Penicillin, Adrenal Cortex and Other Expensive Therapeutic Agents for Needy Patients		
	Mr. Donald McKay Frost		100.00
	GYNECOLOGY SERVICE		
4685	U.S. Public Health Service Fund for a Study of Biological Effects of Radiation and the Sensitization Response u/d Dr. Graham		11,053.00
4690	U.S. Public Health Service Fund for a Study of Urinary Excretion of Interstitial Cell Stimulating Hormone u/d Dr. McArthur		8,197.00
	MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS		
4770	Laurabel L. Gray Fund for the Purchase of Laboratory or Operating Room Equipment u/d Dr. Clark		1,431.02
4800	Ladies' Visiting Committee Fund for Employees' Recreation		
	Chaplain James H. Burns		10.00
4810	Ladies' Visiting Committee Fund for Secretarial Work for the Ladies' Visiting Committee		203.00
4855	Godfrey M. Hyams Trust Fund for the Expenses of a Family Health and Medical Care Service u/d Dr. Clark		27,300.00
4860	Sundry Gifts at the Disposal of the General Director		
	The Dean Welfare Trust	$ 50.00	
	Mr. John R. Macomber	4,250.00	4,300.00
	Carried forward		$836,840.43

	Brought forward		$836,840.43
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		
	Anonymous	$ 5.00	
	Mrs. Amy Guest	33.00	38.00
4870	Ladies' Visiting Committee "Travelli" Fund		1,200.00
4950	Sundry Gifts for the Benefit of Interns and Residents u/d Dr. Clay		25.00
5040	M.G.H. Research Fund		
	"In Memory of the Rev. William C. Abbe"	$ 163.25	
	American Cyanamid Company	10,000.00	
	Anonymous	500.00	
	Armour and Company	10,000.00	
	Burroughs Wellcome & Co. (U.S.A.) Inc.	5,000.00	
	"In Memory of Mrs. Elsie W. Harper"	2.00	
	M.G.H. Operetta Company	150.00	
	Miss Miriam Kurland Rudnick	10.00	
	Miss Lucia Russell	50.00	
	G. D. Searle & Co.	4,000.00	
	Sterling Drug Inc.	5,000.00	
	The Upjohn Company	10,000.00	
	"In Memory of Simeon J. Whitney"	35.00	44,910.25
5081	Sundry Gifts for the Medical Arts Department		
	Mrs. Murial McLatchie Miller		350.00
MEDICAL SERVICE			
5120	Sundry Gifts for Fellowship of Dr. Oliver Wrong		
	Mrs. James Lawrence, Jr.	$ 250.00	
	Dr. John P. Monks	300.00	550.00
5162	Loofbourow Memorial Fund for the Study of Hypertension u/d Dr. Palmer		
	Mrs. E. M. Slocombe	$ 15.00	
	U.S. Smelting, Refining and Mining Co.	25.00	40.00
5195	Massachusetts Heart Association Fund for a Study of the Factors Regulating Renal Excretion of Water and Electrolytes u/d Dr. Leaf		2,568.50
5210	Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid u/d Dr. Stanbury		7,541.00
5230	U.S. Public Health Service Fund for the Laboratory Expenses of Dr. Dingledine u/d Dr. Stanbury		500.00
5293	Massachusetts Heart Association Fund for Study of the Effectiveness of Treatment in Essential Hypertension u/d Dr. Palmer		2,640.00
5299	Chilcott Laboratories, Inc. Fund for Research u/d Dr. William Chapman		6,000.00
	Carried forward		$903,203.18

	Brought forward		$903,203.18
5307	U.S. Public Health Service Fund for Study of the Relationship of the Cerebral Cortex to Circulation in Man u/d Dr. Chapman		2,175.01
5308	U.S. Public Health Service Fund for Study of the Relationship of the Cerebral Cortex to the Circulation in Man u/d Dr. Chapman		9,990.00
5313	American Heart Association, Inc. Fund for a Study of the Factors that Regulate Extracellular Fluid Volume in the Normal and Edematous Subject u/d Dr. Leaf		3,543.75
5314	American Heart Association, Inc. Fund for a Study of the Factors that Regulate Extracellular Fluid Volume in the Normal and Edematous Subject u/d Dr. Leaf		1,240.32
5325	Sundry Gifts for Thyroid Research u/d Dr. Stanbury		
	Dr. James H. Means		2,500.00
5340	Sundry Gifts at the Disposal of the Radioactive Isotope Committee u/d Dr. Chapman		
	Mrs. Gladys Church		100.00
5360	U.S. Public Health Service Fund for a Study of Parometers of the Thyroid Gland u/d Dr. Brownell		15,840.00
5370	Sundry Gifts for the Medical Staff Room		
	Dr. Chester M. Jones		100.00
5402	U.S. Public Health Service Fund for Study of the Pathogenesis of Certain Occupational Diseases u/d Dr. Hardy		2,978.20
5405	Atomic Energy Commission Fund for Conducting a Program of Research to Establish a Beryllium Case Registry		2,765.50
5410	U.S. Public Health Service for Research on the Diagnosis of Beryllium Poisoning, Asbestosis and Allied Pulmonary Disease u/d Dr. Hardy		12,444.00
	MEDICAL SERVICE, ALLERGY CLINIC		
5430	Sundry Gifts at the Disposal of Dr. Burrage		
	Anonymous	$ 5,000.00	
	Mrs. William T. Aldrich	200.00	
	The Mary Dexter Fund, Inc.	1,000.00	
	Mrs. Aldus C. Higgins	1,000.00	
	Mrs. Saul M. Marcus	100.00	
	Parker Charitable Foundation	400.00	
	Mrs. Lewis I. Prouty	2,500.00	
	Miss Natalie Zaitzevsky	20.00	10,220.00
	MEDICAL SERVICE, ARTHRITIS		
5437	Arthritis and Rheumatism Foundation Fund for the Laboratory Expenses of Dr. Dixon		500.00
	Carried forward		$967,599.96

	Brought forward		$967,599.96
5441	U.S. Public Health Service Fund for Study of the Synthesis of Biologically Important Derivatives of Glucosamine and Chonodrosamine u/d Dr. Jeanloz		3,996.00
5449	Eli Lilly and Company Fund for Tissue Chemistry Project u/d Dr. Bauer		20,000.00
5450	Gifford K. Simonds Memorial Fund for Arthritic Research u/d Dr. Bauer Mrs. Gifford K. Simonds		10,000.00
5451	U.S. Public Health Service Fund for Study of the Derangement of Mesenchymal Tissue in Aging and Rheumatic Diseases u/d Dr. Bauer		10,800.00
5452	U.S. Public Health Service Fund for Study of the Derangement of Mesenchymal Tissue in Aging and Rheumatic Diseases u/d Dr. Bauer		21,306.43
5459	Helen Hay Whitney Foundation Fund for Study of the Proteins and Glycoproteins of Connective Tissue and Serum u/d Dr. Bauer		20,447.25
	MEDICAL SERVICE, BIOLOGY		
5491	The Rockefeller Foundation Fund for Research in Endocrinology and Metabolism u/d Dr. Albright		4,000.00
5520	Sundry Gifts for Support of Laboratory u/d Dr. Albright		
	Ayerst, McKenna & Harrison Limited	$ 1,500.00	
	Mr. C. R. Phillips	3.00	1,503.00
5525	American Cancer Society, Inc. Fund for the Laboratory Expenses of Dr. Moldower		500.00
	MEDICAL SERVICE, CARDIAC		
5540	Sundry Gifts for Coronary Research u/d Dr. Paul D. White		
	Mr. H. L. Drucker	$ 500.00	
	Dr. Paul D. White	1,500.00	2,000.00
5545	Alfred H. and Annie A. Colby Fund for Cardiac Research u/d Dr. Bland		1,434.38
5573	U.S. Public Health Service Fund for Study of Pulmonary Hypertension with Particular Regard to the Problem of Pulmonary Resistance u/d Dr. Bland		14,947.98
5576	U.S. Public Health Service Fund for Research in Electrocardiography u/d Dr. Williams		8,000.00
5585	Massachusetts Heart Association Fund for a Study of Rheumatic Heart Disease u/d Dr. Bland		3,850.00
	Brought forward		$1,090,385.00

	Brought forward		$1,090,385.00
5590	The Mickles Fund for Cardiac Research u/d Dr. Bland Mr. and Mrs. John B. Mickles		1,500.00
5596	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		8,099.49
5600	Muscular Dystrophy Association Fund for Paperelectrophoretic Studies on Muscle Proteins u/d Dr. Gergely		3,249.00
5605	Life Insurance Medical Research Fund for Research on the Biochemistry of Heart Muscle u/d Dr. Gergely		5,400.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	"In Memory of Jacob J. Berger"	$ 25.00	
	Dr. E. F. Bland and Associates	11,995.50	
	"In Memory of Mrs. Orrin C. Bourne"	31.00	
	"In Memory of George Cary"	10.00	
	Cardiac Catheterization Group	100.00	
	"In Memory of Clarence M. Cobb"	58.50	
	Dr. Allan L. Friedlich	25.00	
	"In Memory of J. Lloyd Hawkridge"	30.00	
	"In Memory of Leslie D. Hawkridge" ..	135.00	
	"In Memory of Walter S. Kerr"	5.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	Mr. and Mrs. Earle D. McLeod	50.00	
	"In Memory of Mr. A. M. McVie"	15.00	
	"In Memory of Mrs. Matilda Pullman"	5.00	
	"In Memory of Beatrice Silverman"	25.00	
	"In Memory of Roy Springer"	25.00	
	"In Memory of Donald Wedgwood"	10.00	12,645.00
5615	Sundry Gifts for Cardiac Research u/d Dr. Sprague Anonymous		2,053.13
5617	Allied Laboratories, Inc. Fund for Salary of Technician on Protoveratrine Studies u/d Dr. Currens		1,500.00
5620	Eli Lilly and Company Fund for a Hypertensive Study u/d Dr. Currens		2,160.00
5625	Sundry Gifts for Research u/d Dr. Chapman Dr. John T. Quinby		27.50
5630	Sundry Gifts to Restudy the Hypertensives in Evelyn's First Group u/d Drs. Bland and Chapman Anonymous		5,000.00
5635	Massachusetts Heart Association, Inc. Fund for Studies of the Therapeutic Value of Thoracolumbar Sympathectomy for Hypertensive Vascular Disease u/d Dr. Chapman		5,184.00
5641	Agnes Blake FitzGerald Fund for Cardiac Research u/d Dr. Bland Mrs. Stephen S. FitzGerald		500.00
	Brought forward		$1,137,703.12

	Brought forward		$1,137,703.12
5644	U.S. Public Health Service Fund for a Genetic Study of Rheumatic Fever u/d Dr. Cohen		13,198.99
5650	Stephen Salisbury Fund for Cardiac Research u/d Dr. Bland		
	Mr. Stephen S. FitzGerald		3,512.50
5655	Lakeside Laboratories, Inc. Fund for Research on an Oral Diuretic u/d Drs. Berg and Owen		600.00
	MEDICAL SERVICE, GASTROINTESTINAL		
5670	Atlas Powder Company Fund for Studies on Gastrointestinal Absorption u/d Dr. Jones		5,000.00
5710	U.S. Public Health Service Fund for the Laboratory Expenses of Dr. Jenson u/d Dr. Jones		540.00
5731	Upjohn Company Fund for Gastrointestinal Motility Studies u/d Dr. Jones		3,978.00
5790	Sundry Gifts for Research in Digestive Disease u/d Dr. Jones		
	Mr. Walter H. Kilham, Jr.	$ 100.00	
	"In Memory of Sarah G. McCarthy"	1,000.00	
	Mrs. Brooks Shepard	500.00	
	Mr. Harlan K. Simonds, Jr.	100.00	
	Mrs. Millicent K. Solomon	25.00	
	Mr. David P. Wheatland	300.00	2,025.00
	MEDICAL SERVICE, BACTERIOLOGY		
5916	U.S. Public Health Service Fund for Study of the Antigenic Components of the Mumps Virus u/d Dr. Kunz		4,000.00
5921	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		5,953.00
	NEUROLOGICAL SERVICE		
5970	Sundry Gifts for Neurological Research u/d Dr. Adams		
	Mrs. Frank M. Curtis		5.00
6011	U.S. Public Health Service Fund for Study of Demyelination with Particular Reference to Investigation of Immunologic Processes Underlying Allergic Encephalomyelitis and Multiple Sclerosis u/d Dr. Adams		20,000.00
6050	U.S. Public Health Service Fund for Correlator Studies of Sensory Stimulation of the Human Brain u/d Dr. Brazier		14,084.00
6060	Hoffman-LaRoche Inc. Fund for the Study of Myasthenia Gravis u/d Dr. Viets		
	"In Memory of Mrs. Helen Rosenbloom"		25.00
	Carried forward		$1,210,624.61

	Brought forward		$1,210,624.61
6080	Amelia and Julius Marks Charitable Foundation Fund at the Disposal of Drs. Adams and Viets		1,500.00
	NEUROLOGICAL SERVICE		
6217	Atomic Energy Commission Fund for Research in Neutron Therapy of Neoplasm u/d Dr. William Sweet		30,200.00
6221	Atomic Energy Commission Fund for Research with Positron Emitters u/d Dr. William Sweet		22,000.00
6222	Atomic Energy Commission Fund for Research on the Effect of Ionizing Radiation on the Peripheral Nerve u/d Dr. Forbes		3,875.00
6223	Atomic Energy Commission Fund for Study of the Effect of Ionizing Radiation on the Peripheral Nerve u/d Dr. Gasteiger		3,556.00
6235	Damon Runyon Memorial Fund for Study of Relief of Intractable Pain in Cancer and Development of Stereotactic Methods u/d Dr. William Sweet		8,750.00
6245	U.S. Public Health Service for Determination of Rates of Transfer of Water and Electrolytes in the Central Nervous Systems u/d Drs. William Sweet and Brownell		3,645.00
6330	Neurosurgical Research Fund u/d Dr. J. C. White Anonymous		10,000.00
6350	U.S. Public Health Service Fund for Study of Relief of Intractable Pain in Cancer and Development of Stereotactic Methods u/d Dr. William Sweet		15,768.00
6406	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Radioactive and Stable Isotopes u/d Dr. J. C. White		5,000.00
	NURSING SCHOOL		
6480	Alice W. Lyman Fund for Student Nurse Scholarships		
	Mrs. Robert Homans	$ 100.00	
	Miss Helene G. Lee	50.00	150.00
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing		
	Dr. Francis M. Ingersoll	$ 30.00	
	Dr. Louis Lasagna	5.00	
	Nurses Alumnae Association	100.00	135.00
6587	Sundry Gifts for the Class of 1953 Stop & Shop, Inc.		2.40
	Carried forward		$1,315,206.01

	Brought forward		$1,315,206.01
6630	Sundry Gifts for the Palmer-Davis Library		
	Dr. Richmond Holder	$ 5.00	
	Dr. Howard Ulfelder	30.00	35.00
	OCCUPATIONAL THERAPY		
6690	Ladies' Visiting Committee Fund for Salaries of Occupational Therapists		1,487.17
	ORTHOPEDIC SERVICE		
6820	U.S. Public Health Service Fund For an Atomical and Pathological Study of the Mechanisms of Low Back Pain and Sciatica u/d Dr. Barr		14,094.00
6872	National Foundation for Infantile Paralysis Fund for Poliomyelitis Research u/d Dr. Barr		7,094.00
6880	Sundry Gifts for Research on Pain in the Low Back u/d Dr. Barr		
	American Mutual Liability Insurance Co.	$ 4,000.00	
	Mrs. Herbert E. Grier	100.00	
	Liberty Mutual Insurance Company	3,334.00	
	Mr. Norman S. Rabb	100.00	
	Mr. Joseph Rabinovitz	100.00	7,634.00
6900	Sundry Gifts at the Disposal of Dr. Barr		
	Dr. Howard Apollonio	$ 25.00	
	Dr. Bennett Kraft	250.00	
	Miss Mary Lyne	10.00	
	Mrs. Eugene Record	25.00	310.00
	PATHOLOGY DEPARTMENT		
6920	American Cancer Society (Mass. Div.) Inc. Fund for Study of the Neutral Red Granule (Golgi) u/d Dr. Castleman		3,288.60
6930	Buffington's Inc. Fund For Salary of Part Time Curator of Pathological Museum and Other Purposes		250.00
7010	American Cancer Society Fund for the Study of the Neutral Red Granule (Golgi) u/d Dr. Morgan		1,617.00
7022	U.S. Public Health Service Fund for Study of Histological Changes in the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman		4,798.68
7023	U.S. Public Health Service Fund for Study of Histological Changes in the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman		5,086.00
7030	U.S. Public Health Service Fund for a Histochemical Study of the Function of Interstitial and Sertoli Cells of the Testes u/d Dr. Castleman		7,341.00
	Carried forward		$1,368,241.46

	Brought forward		$1,368,241.46
	PEDIATRIC SERVICE		
7065	Armour-Gerber Fund for Study of Meat Baby Foods u/d Dr. Butler		
	Armour and Company	$ 1,500.00	
	Gerber Products Company	1,500.00	3,000.00
7099	U.S. Public Health Service Fund for Study of Effect of Chronic Treatment with Cortisone Upon Growth of Children with Various Chronic Diseases u/d Dr. Talbot		4,077.00
7110	Doctors of the Baker Memorial Fund for any Purpose at the Request of the Chief of Service with Approval of the General Director		
	Dr. Allan M. Butler	$ 190.00	
	Doctors of the Baker Memorial	25.00	
	Mr. W. H. Greene	500.00	715.00
7130	Playtex Park Research Institute Fund for Research u/d Dr. Talbot		2,000.00
7232	Mead Johnson & Co. Fund for Investigations of Homeostatic Mechanisms in Sick and Well Infants u/d Dr. Talbot		5,000.00
7270	Sundry Gifts at the Disposal of Dr. Butler "In Memory of Richard Anderson"		25.00
7290	Sundry Gifts for Expensive Medicine, Care and Treatment of Children in the Children's Wards		
	Miss Susan Butler	$ 10.00	
	"In Memory of Patrick Marc Jeanloz"	137.00	147.00
7356	U.S. Public Health Service Fund for Study of Methods and Costs in Provision of Comprehensive Medical Care for Young Children		4,200.00
	PHARMACY DEPARTMENT		
7420	Gilman Brothers Inc. Fund for the Purchase of Equipment		250.00
	PHYSICAL THERAPY		
7480	U.S. Public Health Service Fund for Training in Physical Medicine and Rehabilitation u/d Dr. Watkins		9,250.00
7500	Pope Foundation Fund for Research in Physical Medicine and Rehabilitation u/d Dr. Watkins		
	Drs. T. L. DeLorme and A. L. Watkins		185.04
	PSYCHIATRIC SERVICE		
7510	U.S. Public Health Service Fund for Research on the Specificity of Current Psychological Factors in the Production of Psychosomatic Diseases u/d Dr. Nemiah ..		15,292.00
	Carried forward		$1,412,382.50

	Brought forward		$1,412,382.50
7550	Atomic Energy Commission Fund for Research on Effect of Radiation on Learned Skill and Judgment u/d Dr. Cobb		5,422.00
7605	Sundry Gifts at the Disposal of Dr. Cobb		
	Dr. Stanley S. Cobb		8.37
7630	Sundry Gifts for Child Psychiatry u/d Dr. Jessner		
	Miss Ann D. Benson	$ 120.00	
	Dr. Gaston E. Blom	40.00	
	Miss Ruth E. Goldstein	37.50	
	Mr. L. F. Hannigan	30.00	
	Dr. William H. Horwitz	17.50	
	Dr. Lucie Jessner	390.00	
	Dr. Donald K. Lewis	150.00	
	Mr. Walter McGovern	80.00	
	Mr. Frederick Saltman	15.00	880.00
	PSYCHIATRIC AND PEDIATRIC SERVICES		
7685	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Butler		13,326.95
7686	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Butler		12,715.20
7687	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Butler		13,977.00
7690	Mrs. Robert W. Lovett Memorial Fund for Research u/d Dr. Jessner		
	New England Chapter of the Arthritis & Rheumatism Foundation, Inc. ..		2,000.00
	RADIOLOGY DEPARTMENT		
7771	Sundry Gifts for the Radiology Research Room u/d Dr. Robbins		
	Angio-Cardiogram Team		25.00
7815	Sundry Gifts for the Phillips House X-Ray Department u/d Dr. Robbins		
	Dr. Joseph B. Hanelin		10.00
	RESEARCH COMMITTEE		
7938	Cardiovascular Research Fund u/d Dr. Frantz		
	Anonymous		5,000.00
7940	Grant from the Trustees of Funds under the Will of Charles A. King for Special Cardiovascular Research u/d Dr. Frantz		10,000.00
7944	U.S. Public Health Service Fund for Biochemical Studies of Arteriosclerosis u/d Dr. Frantz		10,690.00
7982	U.S. Public Health Service Fund for the Study of Isolation of Toxic Substances from Peptones, Antigen and Antibody Complexes u/d Dr. Berg		9,000.00
	Carried forward		$1,495,437.02

	Brought forward		$1,495,437.02
	SOCIAL SERVICE		
8018	American Cancer Society (Mass. Div.) Inc., Fund for Services and Materials for Cancer Patients u/d Miss Barbour		2,916.00
8040	William H. Coburn Fund for Baker Memorial Social Service		100.00
8070	Committee of the Permanent Charity Fund for Social Service Relief		1,500.00
8100	Mrs. Charles F. Cushman Fund for Social Service Relief for Cancer Patients		30.00
8220	Charles H. Hood Dairy Foundation Fund for Summer Expenses of Children with Health Problems		870.00
8250	Ladies' Visiting Committee Fund for Social Service Relief		300.00
8280	Jessie Gwendolen Morse Fund for Social Service Relief		400.00
8370	Sundry Gifts for Social Service Relief for Children with Heart Disease		
	Massachusetts State Federation of Women's Clubs		125.00
8400	Sundry Gifts for Christmas Gifts for Patients		
	Mary A. Crabtree Christmas Fund	$ 100.00	
	Miss Edith S. Fisher	25.00	
	Mr. Lester Rowding	125.00	250.00
	SURGICAL SERVICE		
8550	Weld Surgical Instrument Fund for the Purchase and Maintenance of Surgical Instruments for the General Operating Room		
	Anonymous		4,917.00
8580	William S. Eaton Fund for Special Research u/d Dr. Weille		
	Anonymous	$ 1,000.00	
	Miss Amelia Peabody	4,875.00	
	Mr. Robert H. Storer	200.00	6,075.00
8640	U.S. Public Health Service Fund for Study of the Metabolism of Amonia in the Presence of ECK Fistula and Liver Disease u/d Dr. McDermott		5,279.00
8661	U.S. Public Health Service Fund for Study of Pattern Changes of Intracellular Electrolytes in Surgical Patients u/d Dr. Raker		4,200.00
8790	Sundry Gifts for Peripheral Vascular Investigation u/d Dr. Linton		
	Dr. Frank C. d'Elseaux	$ 150.00	
	Dr. and Mrs. John Schulman, Jr.	15.00	
	Mr. Wilfrid O. White	100.00	265.00
	Carried forward		$1,522,664.02

	Brought forward		$1,522,664.02
8798	U.S. Public Health Service Fund for Study of Peripheral Arteriosclerosis of the Lower Extremities u/d Dr. Linton		11,901.00
8820	Sundry Gifts at the Disposal of Dr. Cope		
	Mr. and Mrs. Bart W. Baird	$ 500.00	
	Mr. William S. Youngman, Jr.	200.00	700.00
8850	Sundry Gifts at the Disposal of Dr. Churchill		
	Mr. and Mrs. Herman Lippman	$ 10.00	
	Dr. J. Gordon Scannell	450.00	460.00

UROLOGY SERVICE

8930	American Cancer Society (Mass. Div.) Inc. Fund for Study of Transplanting of Human Malignant Tumors into Rats and Hamsters Treated with Cortisone u/d Dr. Kerr		4,507.92
8940	Sundry Gifts at the Disposal of Dr. Colby		
	Mr. Arthur D. Hall		60.00
8942	U.S. Public Health Service Fund for Investigation of Improved Therapy for Cancer of the Bladder and Cancer of the Cervix and Their Complications u/d Dr. Colby		12,053.12
			$1,552,346.06

McLEAN HOSPITAL FUNDS

	Current Expense Fund		
	In Memory of Miss Phyllis Brooks	$ 500.00	
	Mr. Morris F. LaCroix	1,000.00	
	Mr. David M. Little	100.00	1,600.00
100	Sundry Gifts at the Disposal of the Director		
	Anonymous	$ 500.00	
	Mr. Charles E. DiPesa	500.00	
	Mr. John R. Macomber	1,000.00	
	Dr. and Mrs. Henry M. Pollock	1,000.00	
	"In Memory of Mr. and Mrs. W. V. Z. Wilson"	50.00	3,050.00
140	Ephraim Kaplan Memorial Fund for Loans to McLean Nurses		
	Mr. Saul Kaplan		500.00
190	Wilson & Co. Fund for Research u/d Dr. Altschule		5,000.00
211	American Cancer Society, Inc. Fund for a Study of Brain Strandin u/d Dr. Folch		1,524.40
302	U.S. Public Health Service Fund for the Isolation of Brain Proteins in Native State u/d Dr. Folch		3,463.28
	Carried forward		$1,567,483.74

	Brought forward	$1,567,483.74
303	U.S. Public Health Service Fund for the Isolation of Brain Proteins in Native State u/d Dr. Folch	3,604.00
321	U.S. Public Health Service Fund for Study of Quantitative Enzymatic Histochemistry of the Cerebral Cortex in Psychotic and Nonpsychotic Humans u/d Dr. Folch	1,889.18
351	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch	5,751.00
361	U.S. Public Health Service Fund for the Laboratory Expenses of Dr. Hess	540.00
370	U.S. Public Health Service Fund for the Laboratory Expenses of Dr. Henneman	500.00
380	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Studies upon the Brain u/d Dr. Folch	11,000.00
	TOTAL INCOME FUNDS	$1,590,767.92

TOTAL PRINCIPAL FUNDS	$2,965,852.10	
TOTAL INCOME FUNDS	1,590,767.92	$4,556,620.02

HENRY R. GUILD
Treasurer

ONE HUNDRED AND THIRTY-SIXTH

ANNUAL REPORT

OF THE

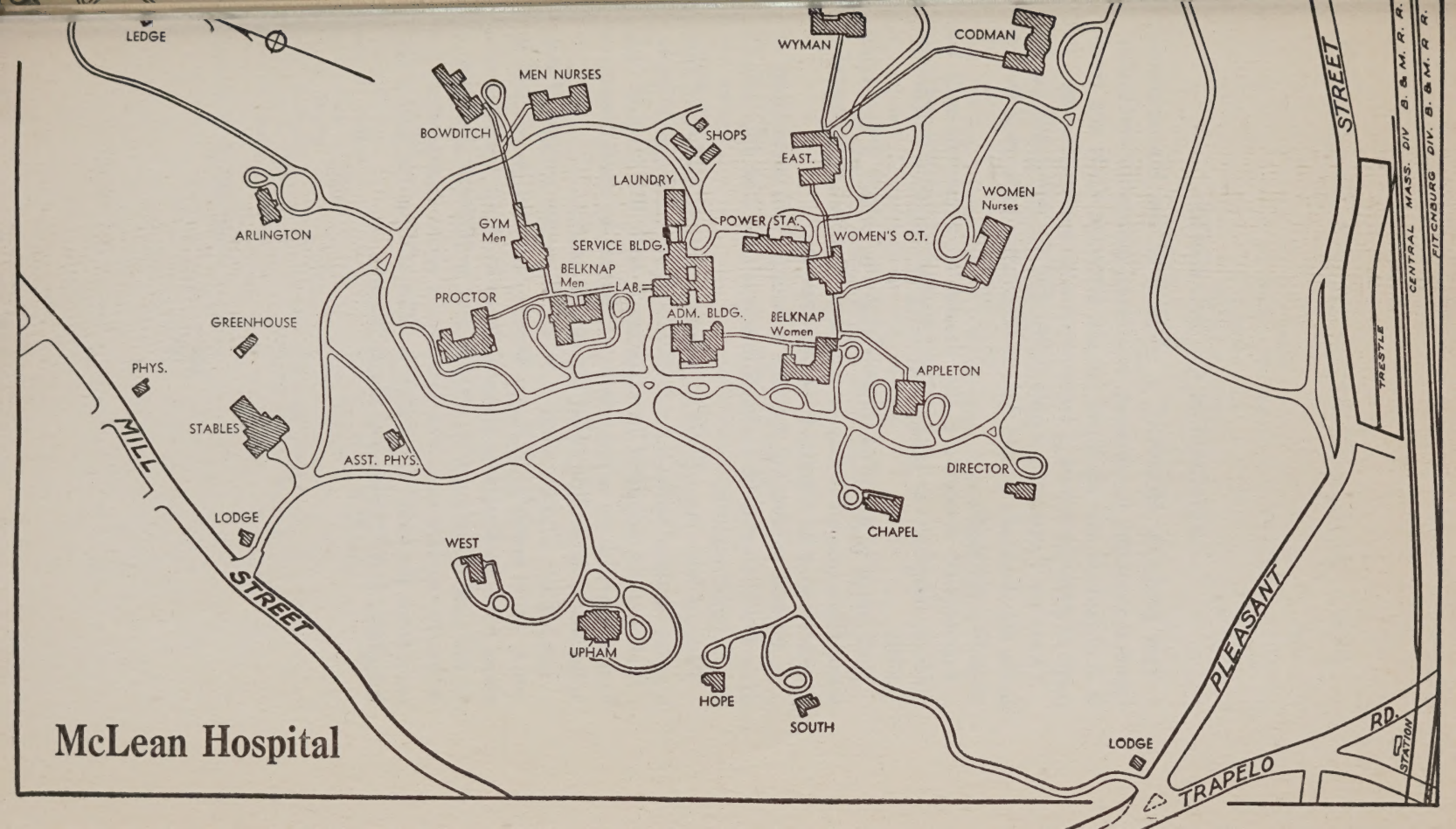
McLEAN HOSPITAL

A Division of the

MASSACHUSETTS GENERAL HOSPITAL

1953

WAVERLEY : MASSACHUSETTS


LEDGE
MEN NURSES
BOWDITCH
SHOPS
WYMAN
CODMAN
EAST.
LAUNDRY
WOMEN
Nurses
ARLINGTON
GYM
Men
POWER STA.
WOMEN'S O.T.
SERVICE BLDG.
BELKNAP
Men
LAB.
PROCTOR
ADM. BLDG.
BELKNAP
Women
GREENHOUSE
APPLETON
PHYS.
STABLES
ASST. PHYS.
DIRECTOR
MILL
STREET
LODGE
CHAPEL
WEST
UPHAM
HOPE
SOUTH
LODGE
PLEASANT
STREET
TRAPELO
RD.
STATION
TRESTLE
CENTRAL MASS. DIV. B. & M. R. R.
FITCHBURG DIV. B. & M. R. R.
McLean Hospital

ADMISSION OF PATIENTS

THE MCLEAN HOSPITAL, a division of the Massachusetts General Hospital, is a private, voluntary, non-profit institution. It is organized and equipped for the intensive study and treatment of patients suffering from nervous or mental diseases.

CLASS OF PATIENTS: Applications for the admission of patients may be made at any time at the McLean Hospital by the attending physician.

Information concerning the details of admission will be given by telephone or letter. The telephone number is Belmont 5-0700.

Preference is given to those patients in whom a favorable result from treatment may be expected. Patients with doubtful prognosis may be admitted for observation.

A limited number of patients suffering from alcoholism or drug addiction may be received in accordance with the laws of the Commonwealth.

Patients who seem likely to require a longer period of care may be admitted when there is room and are otherwise suitable.

Patients are admitted in accordance with the laws of this Commonwealth on a physician's certificate, by commitment or voluntarily, depending upon the circumstances.

LOCATION: The Hospital is in the Waverley section of Belmont, about seven miles from Boston, and can be reached in about twenty minutes by automobile, or in about thirty minutes by the Cambridge subway, transferring at Harvard Square to a Waverley surface car. The Hospital is about one-quarter of a mile from the street car terminus. The address for letters and telegrams is Waverley 79, Massachusetts.

Officers of the McLean Hospital, 1954

President
John R. Macomber

Vice-President
Phillips Ketchum

Treasurer
Henry R. Guild, 1 Federal Street

Secretary
Reginald Gray, 15 State Street

Trustees

1935 Francis C. Gray, 10 Post Office Square
1928 Phillips Ketchum, 1 Federal Street
1934 John R. Macomber, 75 Federal Street
1939 Henry R. Guild, 1 Federal Street
1940 Ralph Lowell, 100 Franklin Street
1941 *Rt. Rev. Robert P. Barry, 71 Warner Street, West Somerville
1943 Lloyd D. Brace, 67 Milk Street
1944 *Mrs. Robert Homans, 280 Beacon Street
1947 Francis W. Hatch, 1220 Statler Office Building
1947 John E. Lawrence, 60 Batterymarch Street
1947 *Professor Francis O. Schmitt, Department of Biology Massachusetts Institute of Technology, Cambridge
1953 *Arthur W. Allen, M.D., 266 Beacon Street

Other Members of the Corporation

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Robert Amory, Jr.
O. Kelley Anderson
Mrs. David B. Arnold
G. Storer Baldwin
Mrs. James T. Baldwin
Harry J. Blake
Mrs. Henry M. Bliss
Mrs. Lloyd D. Brace
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John P. Chase
Theodore Chase
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Eben S. Draper
Miss Betty Dumaine
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William Ehrlich
Dr. N. W. Faxon
Mrs. Gardiner H. Fiske
C. H. W. Foster
Michael A. Fredo
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Dr. Roy J. Heffernan
Harvey P. Hood
Edward L. Hubbard
Arnold Hunnewell
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George Olmsted, Jr.
James H. Orr
Mrs. Brooks Potter
George Putnam
Miss Anna Revere
Russell Robb
Joseph Santosuosso
Ret. Rev. Henry K. Sherrill
Alan Steinert
Abbott Stevens
Raymond Stevens
James Jackson Storrow

*Appointed by the Governor.

J. O. Stubbs
Thomas C. Thacher
Mrs. Augustus Thorndike
Richard K. Thorndike, Jr.
Samuel J. Tomasello
Dr. John B. Vernaglia
F. Frank Vorenberg
E. A. Weeks, Jr.
Hon. Charles E. Wyzanski

McLEAN HOSPITAL COMMITTEE

Ralph Lowell, *Chairman*

Rt. Rev. Robert P. Barry
John E. Lawrence

MEDICAL and EXECUTIVE OFFICERS of the McLEAN HOSPITAL

Consulting staff

E. Stanley Abbot, M.D., *Psychiatrist*
James B. Ayer, M.D., *Neurologist*
Stanley Cobb, M.D., *Psychiatrist*
William Jason Mixter, M.D., *Surgeon*
Harry C. Solomon, M.D., *Psychiatrist*
Paul D. White, M.D., *Cardiologist*

McLEAN HOSPITAL STAFF—1954

Superintendent Emeritus

Frederic H. Packard, M.D.

Director

W. Franklin Wood, M.D., F.A.C.H.A.

Chief of Service

Paul M. Howard, M.D. (Acting)

Psychiatrists

Willis H. Bower, M.D.
Maria Lorenz, M.D.

Associate Psychiatrists

J. Douglass Sharpe, M.D.
Peter E. Sifneos, M.D.

Assistant Psychiatrists

Dorothy B. Chamberlin, M.D.
William M. Crowell, M.D.
Francis L. A. de Marneffe, M.D.

Assistants in Psychiatry

Ruth B. Beuscher, M.D.
William F. Beuscher, M.D.
Arthur J. Cain, M.D.
Ruth S. Weiss, M.D.

Clinical Assistants

Virginia B. Calkins, M.D.
Gordon D. Winchell, M.D.

Director of Internal Medicine and of Research in Clinical Physiology

Mark D. Altschule, M.D.

Director of Scientific Research

Jordi Folch-Pi, M.D.

Advisory Committee to Director of Scientific Research

A. Baird Hastings, PH.D., *Chairman*
Stanley Cobb, M.D.
Donald D. Van Slyke, PH.D.
Walter Bauer, M.D.
Rafael Lourente de No', M.D.
W. Franklin Wood, M.D.
Paul M. Howard, M.D.

Scientific Research Associate in Neuropathology
Alfred Pope, M.D.

Scientific Research Assistants
Samuel Bogoch, M.D.
Helen H. Hess, M.D.
Francis N. LeBaron, PH.D
Marjorie B. Lees, PH.D.
Huntington Porter, M.D.
Gerald H. Sloane-Stanley, PH.D.

Psychologist
Irene R. Pierce, PH.D.

Dental Surgeon
Gilman W. Haven, D.D.S.

Roentgenologist
Joseph Hanelin, M.D.

X-ray Technician
Herbert A. Davidson

Clinical Laboratory Technicians
Rose Marie Goncz
Phyllis M. Davis
Ruth Josephs

SCHOOL OF NURSING

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Mrs. Robert Homans
Mr. William S. Nagle
Mrs. Bancroft Beatley
Mrs. A. Elizabeth Osler
Mrs. Francis T. Hunter
Mrs. James M. Baty
Mrs. Mildred Makin
Mr. Charles Jenney
W. Franklin Wood, M.D., *Ex-officio*
Paul M. Howard, M.D., *Ex-officio*
Miss Margaret C. Tibbetts, *Secretary*

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

Assistant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Connor, R.N.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed.

Second Assistant Director of School of Nursing and Instructor in Nursing
Nancy W. Spencer, R.N., B.S.

Supervisors and Clinical Instructors
Evangeline R. Dumont, R.N., B.S. in Nursing
Daniel H. Lennox, R.N., B.S. in Nursing
Laurence E. Souza, R.N., B.S. in Nursing

Assistant Instructor in Nursing
Dwight W. Schumann, R.N.

Supervisor of Health and Operating Room
Leslie E. McMordie, R.N., B.S.

Instructor in Sciences
Mary Isabel Newton, B.S., M.A.

Assistant Instructor in Sciences
Frances K. Foley, R.N., B.S. in Nurs. Ed.

Supervisors
John P. Pitcherale, R.N., B.S. in Nurs. Ed.
Ruth MacLeod, R.N.
Janet E. Duboyce, R.N.
Sydney J. Garvey, R.N.

Directors of Occupational Therapy
Elaine S. Pinkham, O.T.R. Daniel A. Joy, R.N., O.T.R.

Assistant Directors of Occupational Therapy
Constance Doliber, O.T.R. *Ruth T. Arnold*, O.T.R.

Assistants in Occupational Therapy
Ulrikka Trolle, O.T. (Denmark) Blake S. Miller

Director of Music Therapy
Homer P. Whitford, D.MUS.

Instructors in Physical Therapy
Doris C. Heusel, R.N. Thomas A. Crapo, R.N.

Instructors in Recreational Therapy
Virginia M. Neal, B.S. Angus MacDonald

Asistant Instructors in Recreational Therapy
Joan M. Pray, B.A. John L. Wentworth, R.N.

Dietitians and Instructors in Nutrition
Yvonne D. Berce, B.S.
Gertrude E. Kneeland, B.S. in Ed., M.A. in Ed.

ADMINISTRATION

Comptroller
Thomas J. Burley

Assistant Comptroller
Blanche M. Miller

Executive Assistant to the Director
Willa F. Pasho, B.S.

Steward
Alexander Armour

Director of Personnel
Alison J. Coolidge, M.A.

Librarian
Judith R. Atwood, A.B.

Housekeeper
Mary T. Girard

Head Chauffeur
Albert L. Wilder

Maintenance Foreman
Horace B. Selby

Assistant to the Director
Joseph T. Prekup, R.N.

Laundry Manager
Edward Bourget

Pharmacist
George R. Zager, Reg. Ph., M.A.

Assistant Steward
Reginald Northrop

Assistant Director of Personnel
Barbara R. Schumann

Record Librarian
Barbara W. Zimmerman

Chief Engineer
Chester V. Emerson

Chief Mechanic
Howard R. Gallant

Grounds Foreman
Louis Annunziata

Due to a considerable gift of money by Mr. John McLean, the Asylum was renamed the McLean Asylum and later the McLean Hospital. Property on Blossom Street was purchased and the corner stone was laid in 1818. The first patient admitted to the General Hospital was in 1821.

One of the main reasons for choosing the property on Blossom Street and the property in Somerville on Cobble Hill was due to its proximity to the Charles River which allowed a means of bringing supplies as well as patients to both branches of the hospital by water. At that time, there was only the water, the horse or the oxen means of transportation. From then on, both the McLean Hospital and the General Hospital have played important roles in the History of Medicine, Surgery and Psychiatry.

In the latter part of the 1880's, because of the railroads causing noise, danger and dirt to the McLean Hospital, the Trustees decided to look for a place out in the country. They looked at the Kendall Farm and also Cedar Hill out in the Waverley section of Belmont. They finally decided to purchase the Kendall Farm and under the direction of Doctor Edward Cowles the McLean Hospital as you see it today was planned and built. The cottages, two gymnasiums, two nurses' homes and the Laboratory for Scientific Research are the only buildings that have been added since Doctor Cowles built the hospital originally. We are now in need of a new treatment building.

We are very proud of our hospital. It is very attractive and looks more like a college campus than a mental hospital.

W. Franklin Wood, M.D.
Director

Library, Administration Building

Administration Building

Report of the Director of the McLean Hospital

To the Trustees of the Massachusetts General Hospital:

The report of the McLean Hospital for the year ending December 31, 1953, is respectfully submitted.

THE past year has been a very interesting and a busy one. It was the 142nd year since the charter was granted to found an asylum. The charter to found the Massachusetts General Hospital included the Asylum later known as the McLean Hospital. This charter was in the Laws of 1810, Chapter 94, Volume 5, Page 339 and was passed February 25, 1811. It is interesting to note that McLean is the third oldest private mental hospital in the country.

There were 296 patients admitted to the hospital during 1953, and 306 patients discharged during the same period. Of the patients discharged 25 were recovered, 195 were improved, 34 were without psychosis, 33 were discharged as not improved, and 19 were diseased.

As always, it is most rewarding to see so many patients leave the hospital recovered and able to return to their normal lives and homes. The letters received from grateful relatives and former patients are most welcome and encourage us to continue our fight to help people with mental illnesses. It is not possible to reveal the success stories of these people for many are sensitive about having had mental illness, yet the knowledge that the hospital has helped them resume their places in society is most gratfying to us all.

The financial statistics are for the fiscal year ending September 30, 1953, and a complete report appears later.

There have been several changes in the Professional Staff during the year. Dr. Virginia B. Calkins and Dr. Gordon D. Winchell were appointed as Clinical Assistants to be in charge of the Employees' Clinic and to supervise the care of medically ill patients. Dr. Ruth and Dr. William Beuscher and Dr. Fran-

cis L. A. deMarneffe were appointed Residents in Psychiatry. Dr. Peter E. Sifneos returned to the Staff and is most welcome. We are very happy to welcome Dr. Arthur J. Cain and his family to McLean Hospital. At the present time Dr. Cain is with us part-time and will assume full time duty on July 1. We report the resignations of Dr. William H. Horwitz, Dr. James E. Meath and Dr. Francis N. LeBaron.

Mrs. Charles Coolidge has returned as Director of Personnel. Mrs. Barbara Schumann replaced Mr. Ellis K. Howland as Assistant Personnel Director.

Reverend Robert Defenderfer has assumed the duties as Chaplain in place of Reverend Cuthbert Fowler who retired after many years of faithful service.

Mrs. Gertrude Kneeland and Miss Yvonne Berce joined the hospital family as Dietitians replacing Miss Pauline Olsen.

It is with deep regret that we report the death of our Chief Engineer, Mr. John Winterbottom. Mr. Winterbottom was an important member of the hospital for eight years and was greatly admired and respected by all his co-workers.

Mr. Chester V. Emerson has been appointed Chief Engineer.

The professional staff and the nursing services have continued to maintain the high level of patient care. The acute shortage of nurses is and has been a major problem, but the services of part-time nurses have helped immeasurably.

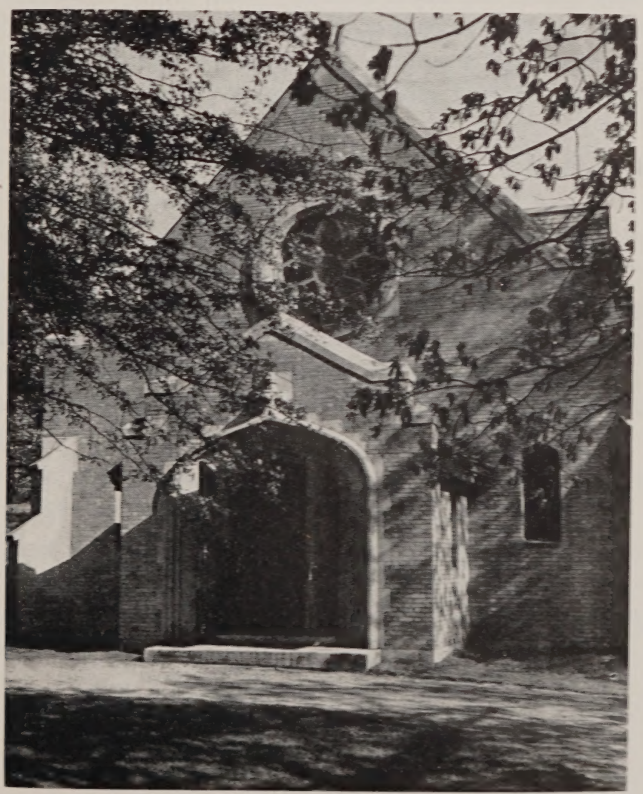
In April the Investiture Services were held in the Chapel and thirteen students were accepted formally into the School of Nursing. This is a most impressive service and an appropriate one for welcoming the new students.

At Easter a very lovely Rose Window was unveiled in the Chapel. It is the beautiful gift of a patient for his mother and father.

The graduation exercises were held in May with Dr. Bancroft Beatley as the Commencement Speaker. Dr. Beatley gave a most inspiring address which was enjoyed by all who attended.

An important part of the Commencement exercises was the annual presentation of the Wetherill Awards. These awards were established by Dr. E. Stanley Abbott in memory of Mrs. Abbott and her mother. Dr. Abbott presented these awards personally for many years until his health prevented him from

Stained Glass Window, Samuel Eliot Memorial Chapel



The Chapel

attending commencement. The awards are given to two members of each graduating class who have shown the most thoughtfulness for others. The recipients are chosen by the faculty, staff and their fellow students. The awards are not prizes but rather small gifts of appreciation of the Spirit of Thoughfulness for others and take the form of a pin engraved with three symbolic figures, the acorn, the oak leaf and the ivy leaf. This year Dr. Abbott and the faculty included the Director as a recipient with the two members of the graduating class. It was a great surprise and a still greater honor for which I am most grateful.

The annual Fourth of July activities were held as usual. They included a golf tournament, an exhibition tennis match by four of the women patients and various games and races held in the Proctor Yard with the winners being awarded prizes of cigarettes and candy.

Golf, tennis and badminton have been popular pastimes for both patients and personnel. During the winter several players from the University Club gave a Badminton Exhibition.

An original Variety Show entitled *Odds and Ends* was produced by the senior class and talented members of the Nursing Staff and other personnel took part. It was a most entertaining performance and greatly enjoyed by patients as well as the rest of the hospital family.

During the year, weekly teas have been held in the library and as always were enjoyed by all who attended.

The Christmas Festivities were numerous and gay. Trees were decorated on each hall and several trees on the grounds were trimmed with colored lights. A group of students sang carols through the hospital, and the annual Christmas tea, as well as the Christmas Dance for the patients, in addition to the employees' party complete with Santa, added greatly to the enjoyment of everyone.

Each year the repairs and renewals demanded by this sixty year old institution grow heavier and more expensive.

This year it was necessary to renew the piping throughout the system of wells and to completely overhaul the pumps. The plumbing in one end of the Women Nurses' Home had to be replaced.

The water softener in the Power House had to be repaired and the large Fitchburg Engine broke down and could not be repaired due to lack of essential parts. The heating system on East House III was repaired and improved. Some painting and decorating on the patients' floors especially in East House and Proctor was accomplished.

The seven mile road system through the hospital grounds was patched and repaired and a few stretches resurfaced.

The hospital has been inspected by the Department of Public Safety and many of the doors had to be rehung to open outward in accordance with the fire laws, and fire escapes had to have lights installed above them.

The Commissioner of Mental Health, Dr. Jack R. Ewalt, and Assistant Commissioner, Dr. Peter Hagopian, have been most helpful and their kindness is greatly appreciated. Mr. Clarence I. Sterling, Jr., Chief Engineer of the Health Department has continued to supervise the hospital's water supply. We wish to thank him for this courtesy.

We wish to express our appreciation to the following for their generous gifts to the hospital

Mr. John R. Macomber
Dr. and Mrs. Henry Pollock
Mr. and Mrs. Gustav Hirsch
Miss Irene Hirsch
Mr. and Mrs. Philmore J. Haber
Mr. and Mrs. Saul Kaplan
Mr. and Mrs. Charles E. DiPesa
Mr. Frank Hill Smith
Mrs. Bette T. Crocker
Mr. and Mrs. Charlton MacVeagh
Mrs. Ethel Gustin
Mr. William H. Nye
Dr. David M. Little
Mr. and Mrs. Harvey P. Hood
Mr. Morris F. LaCroix
Miss Alice Maginnis
Miss Elizabeth Maginnis
Mr. Oscar Steiner

The Main Staircase, the Administration Building

Portrait (above center) of JOHN McLEAN 1761 - 1823 Benefactor of the Hospital

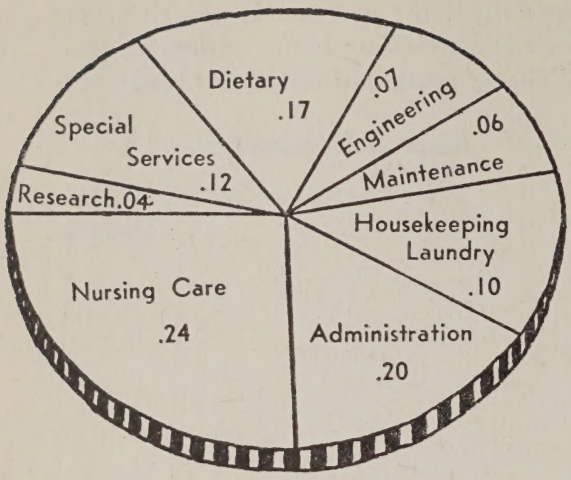
Gilbert Stuart 1824
Main Library Administration Building

There is not sufficient space to mention the employees individually but we are most grateful to one and all for their loyalty and efficiency in performing their duties.

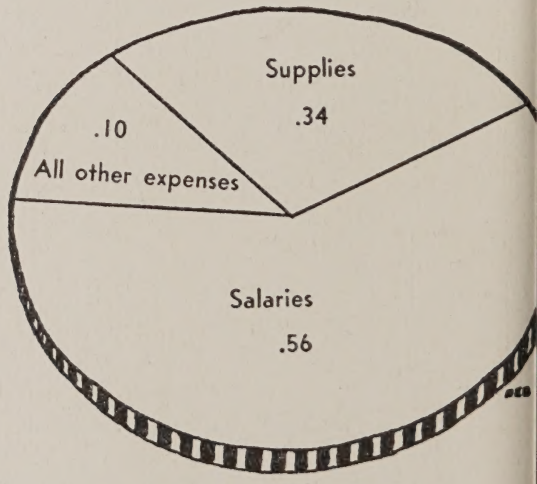
To the Trustees, especially to the McLean Committee, go my grateful thanks for their understanding advice during the year. And to Mr. George Weld my great appreciation for his helpful council.

Respectfully submitted,

W. FRANKLIN WOOD, M.D.
Director



HOW THE HOSPITAL
DOLLAR WAS SPENT
IN 1953



Upham House

The Front Hall at the Upham House

HOSPITAL EXPENSES

	1953	1952
Salaries and Wages		
Administration, Officers and Clerks	$70,225.93	$63,409.91
Medical Officers	70,206.10	67,029.49
Superintendent of Nurses and Assistants	81,828.45	67,432.17
Women Nurses, Ward Helpers, Beautician	230,371.93	251,460.46
Men Nurses, Attendants, Barber	116,349.85	112,406.30
Housekeeping, Maids, Porters	122,110.78	118,081.48
Diversions and Occupational Therapy	17,820.91	15,965.00
Laboratories	4,858.66	4,690.92
Kitchen and Dining Rooms	88,326.76	88,179.20
Laundry	36,256.14	33,103.09
Garage	16,414.75	16,247.64
Coffee Shoppe	7,009.48	6,298.21
Roads, Grounds and Garden	39,339.10	40,157.89
Power Plant	29,120.77	29,642.95
Maintenance of Buildings	58,141.86	52,254.74
Scientific Research Lab.	22,905.01	24,680.77
Research Funds	24,255.36	18,039.99
Pensions	21,147.01	20,880.60
Total Salaries and Wages	$1,056,688.85	$1,029,960.81
Supplies		
General Administration Expenses	$27,660.06	$26,361.89
Libraries	1,856.50	1,289.79
Medical and Surgical Supplies	23,661.37	21,321.96
Nurses' Uniforms and Equipment	2,838.51	2,270.53
Kitchen and Dining Rooms	14,848.16	12,314.81
Housekeeping	19,921.14	22,595.20
Laundry	3,930.89	3,042.39
Groceries and Provisions	197,223.86	179,698.29
Garage	13,788.53	11,780.82
Coffee Shoppe	14,606.35	14,954.66
Roads, Grounds and Garden	2,950.33	3,360.66
Power Plant	104,833.91	107,609.11
Maintenance of Building	17,455.69	18,016.76
Laboratories	2,759.39	4,900.17
Diversion	3,510.44	3,353.77
Purchases for Patients	131,439.07	130,226.87
Training School	9,664.43	8,317.72
Occupational Therapy	3,721.56	4,289.58
F.I.C.A. Taxes	29,130.06	28,427.65
Mass. Hospital Service	7,934.90	7,736.78
Withholding Tax	118,751.32	110,053.10
Scientific Research Lab.	4,844.57	6,230.83
Research Funds	15,576.06	12,091.60
Harvard Retirement Plan	5,367.00	4,704.00
Total Supplies	778,274.10	744,948.94

HOSPITAL RECEIPTS

	1953	1952
Board of Patients	$1,319,531.49	$1,214,470.56
Contributed from Hospital Funds	(311,316.01)	No Comparative Figures
Miscellaneous Cash Credits:		
Massachusetts General Hospital		
Accommodations (Employees)	59,203.23	58,860.58
Administration Expenses	10,129.83	16,584.51
Libraries		
Medical Supplies	7,447.86	4,399.68
Nurses' Uniforms and Equipment	45.99	386.89
Kitchen and Dining Rooms		
Housekeeping		91.85
Laundry		
Groceries and Provisions	2,003.52	2,487.86
Garage	2,653.65	2,627.90
Coffee Shoppe	23,092.11	16,034.08
Roads, Grounds, and Garden		
Power Plant		
Maintenance of Buildings		
Meals (Employees)	32,997.12	36,537.93
Diversions		
Purchases, Patients'	200,871.13	201,451.17
Training School	3,540.09	2,661.19
Occupational Therapy	632.36	592.73
F.I.C.A. Taxes	14,689.08	14,279.97
Mass. Hospital Service	7,778.75	7,600.70
Withholding Tax	118,785.12	110,111.60
Harvard Retirement Plan	2,247.50	1,972.00
Scientific Research Lab.	429.53	
Total Receipts	$1,806,078.36	$1,691,151.20

SUMMARY

HOSPITAL EXPENSES	1953	1952
Salaries and Wages	$1,056,688.85	$1,029,960.81
Supplies	778,274.10	744,948.94
Workmans Compensation Settlement		4,500.00
Total Expenses	$1,834,962.95	$1,779,409.75
Cash Sent Treasurer		
Capital Expenditure		
Total Disbursement	$1,834,962.95	$1,779.409.75

HOSPITAL RECEIPTS		1953	1952
Total Hospital Receipts		$1,806,078.36	$1,691,151.20
From Treasurer		25,000.00	65,000.00
Total Receipts		$1,831,078.36	$1,756,151.20
Cash on Hand:			
October 1, 1952	$6,851.83		
September 30, 1953	2,967.24	**3,884.59**	
October 1, 1951	30,110.38		
September 30, 1952	6,851.83		**23,258.55**
		$1,834,962.95	$1,779,409.75

RESEARCH EXPENSE — 12 Months	1953	1952
Research Lab.	27,749.58	31,471.10
Clinical Lab.	8,751.70	10,622.87
Research Funds	39,822.34	30,139.59
	76,323.52	72,233.56

McLEAN HOSPITAL

Statistics for Year Ending December 31, 1953

		1953		1952
Patients in Hospital First of Year		197		191
Patients on visit First of Year		29		29
		226		220
Patients Admitted During Year		296		281
Patients Discharged During Year		306		275
Without Psychosis	32		25	
Recovered	25		31	
Much Improved	40		37	
Improved	155		129	
Not Improved	35		30	
Deceased	19		23	
Patients in Hospital End of Year		199		197
Patients on Visit End of Year		17		29
		216		226
Total No. Days' Treatment		76,530		71,834
Free Patients		1,644		2,200
Patients paying less than $20.		42,496		46,408
Patients paying $20. or more		32,390		23,226
Average Patients per day		209		194
Free Patients		5		6
Patients paying less than $20.		116		127
Patients paying $20. or more		88		61
Average Rate of Board Charged Per Day		17.150		16.867
Average Cost Per Patients Per Day		18.256		17.709
Daily Cost per Capita for Provisions for all Person Supported		1.4248		1.3074

Report of the Clinical Service

THE Clinical Service at McLean during 1953 has continued to be busy, research has been productive along physiologic and biochemical lines, and there has been continuous teaching of resident and medical students.

Therapeutic effort is the main occupation of the staff, and is broadly conceived along eclectic lines. The many varieties of defect and maladaption constituting psychiatric illness are treated in modern and diverse ways.

Psychotherapy is the principal instrument of the clinical physicians, but this does not blind us to the many factors that help patients. For instance, the situation of the hospital and its physical aspects are a great help. There are large, well landscaped grounds, and a score of buildings, large and old, of pleasant and generous aspect. They permit a home-like and personal rather than an aseptic hospital atmosphere. The seven hundred employees and patients are not oppressively nearby in great numbers, each patient may retreat to the company of the fifteen or so associates of his own hall, to his own room, or emerge into larger community life. The group or social aspects of treatment are extremely important, and the relation of the individual to the group is constantly observed and developed. Attitude to the group is influenced by the psychotherapy, by the change from home, by the many conversations with other patients, by the psychiatric care of nurses, by the many activities such as occupational therapy, gymnasium, music, entertainments, reading, and common eating groups. Patients pick up good ways of feeling about their fellow man, and expressing themselves, that they have not had before, or have let be in disuse. And they take better attitudes home with them. The hospital is departmentalized because of specific daily duties, but a spirit of personal interest and considerateness prevails beyond the physical things that are done. Some of the departments or groups focused on the patient are the nursing and medical staffs, the attendants, the Occupational Therapy, Recreational Therapy, Physiotherapy, Library, Coffee Shop, Beauty Parlor. Relatives visit in and patients visit out. The administration handles count-

A Living Room on Women's Belknap

Belknap (Women's)

less practical problems. The Church, for religious benefit, has its psychiatrically helpful aspects.

The psychiatric treatment is eclectic or concerned with the application of such benefits as will help particular individuals. Many of these aids are social, some are somatic, some are psychotherapeutic. (No real dividing line exists between these categories). Psychotherapy is so time consuming that it takes about a third of the time of the average physician. About one hundred and thirty hours a week are given in interview type of therapy in the hospital. This time is distributed where it will be most effective which is largely with the acute cases. The average patient admitted will spend about nine weeks, and during this time a good deal can be done towards personality rehabilitation. Some patients spend a much longer time in psychotherapy. Once the acute mood or thought disturbance that led to admission is over then some of the most important work is yet to be done by psychotherapy so that future troubles may be ameliorated.

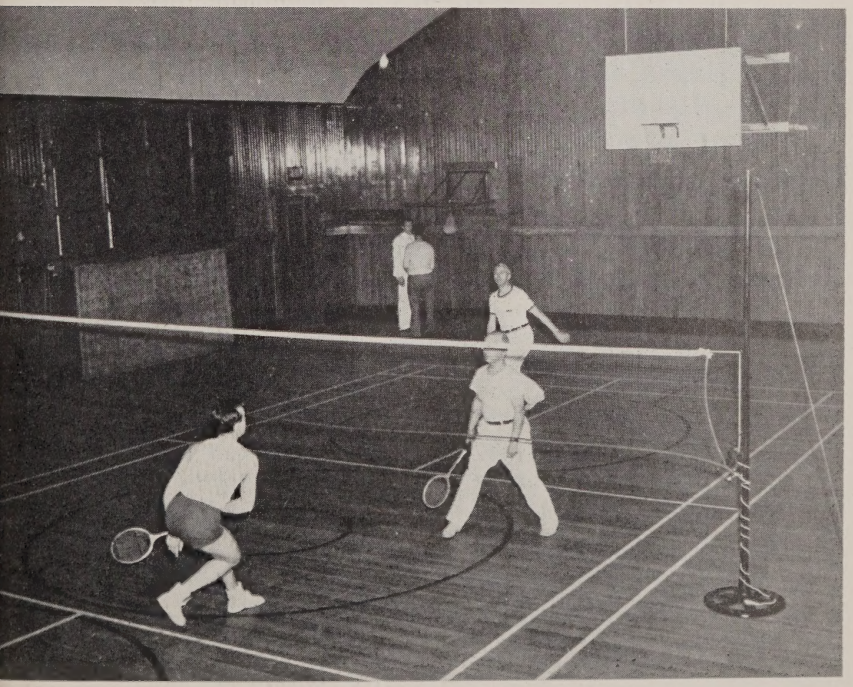
It is not possible to describe psychotherapy briefly, but a few points might be as follows: the patient is first studied thoroughly, and the situation considered in conference. Hereditary, cultural, sociological, somatic, and personal elements are considered. The problems and assets are evaluated. Interview therapy is not always indicated, but often is one of the best tools for continuous exploration and resolution of difficulties. The process of psychotherapy is much more analogous to influencing the growth of constructive forces than it is either to education or surgery, although the latter are popularly emphasized. Assets, such as ability to have warm relationships, the desire to be effective, the talent for making compromises and sublimations, the ability to reason and act, the willingness to endure anxiety and discomfort, capacity for self-perspective and a sense of humor — all of these are examples of assets that are stimulated to help the patient deal with his nervousness, conflicts, immaturity, habits, maladjustments and symptoms. These abstractions seem far from any particular case, and the therapist deals with earthy details. He deals partly with conscious thoughts of the patient, but also a great deal with unconscious thinking. His own emotions can not interfere, and the wholesomeness of his own personality is a factor. And he must give credit to the many other aids outside his own psychotherapy.

Education of residents, younger physicians, and medical students is one of the important functions of the clinical service. A quarter of the physician's time is spent in conference most of which serves the dual purpose of education and improvement of the care of patients. The residents attend a series of 80 didactic lectures in neurology and psychiatry given by the Massachusetts Department of Mental Health and the Psychiatric Training Faculty of Massachusetts, Incorporated. But most of the education is based on experience with patients plus the clinical teaching conference. They learn some administration, diagnostic procedure, appraisal of cases, the different therapies and techniques, relationship to families of patients, relationship to the members of other branches of the psychiatric team, and something of the functioning of their own personality in psychiatric work. A valuable teaching principle is the continuous presentation of cases by the older members of the staff, thus teaching by example rather than relying on the correction of mistakes made by younger men. Medical students join in the general conferences which are an hour and a half daily, and also have their own teaching. Each student does a good deal of case work.

The presence of many old age patients at McLean reflects the situation in the community in which almost a half of the persons needing mental hospital care at this time are in this group. Some have questioned whether this hospital should care for the aged, as it always has done, feeling that the young are more able to be helped. But it would seem proper to care for this community need and to realize that patients can be helped even if not completely rehabilitated. They do not absorb a great deal of the psychiatrists' time, and they help to carry the great burden of hospital expenses thus aiding the acute service. With good care their families can be assured of their being healthier and happier than in more crowded hospitals. They account for only about 15 percent of the annual admissions.

The average patients per day was 209.6 which represents an increase of 13.0 over last year. Particularly during the latter part of the year the census of the hospital was high, about 211. There were 296 admissions and 306 discharges, a slightly higher rate than last year and 70 percent more than 15 years ago. Certainly newly admitted cases present a multitude of clinical

A View of the Golf Course



Badminton Courts

and administrative problems and constitute the largest portion of the work.

Ninety percent of the cases were recovered or improved on discharge, if the deaths in the aged are counted as excluded; or three quarters of the cases if these deaths are included. Although this speaks well for treatment it is not possible to evaluate the nature of improvement without detailed analysis of cases. Qualities and quantities of improvement do not submit well to statistical analysis. Most patients make unmeasureable improvements in the ability to live effectively and peacefully, and to handle social and neurotic problems that had been troubling them for years.

The diagnoses of the discharged cases were: Psychoneurotic Disorders 68; Manic-Depressive Reactions 34; Schizophrenic Reactions 78; Alcoholism or Drug Addiction 38 (of which 31 were with personality disorders); Chronic Brain Syndrome with Cerebral Arteriosclerosis or Senile Brain Disease 14; Involutional Psychotic Reaction 20; Paranoid Condition 13; Personality Disorders 7; Adjustment Reaction of Adolescence 2; Psychotic Depressive Reaction 4; Acute Brain Syndromes 12; Chronic Brain Syndromes 16; Total 306.

A new nomenclature system for diagnosing cases was adopted in July as codified by the American Psychiatric Association. This system continues the old useful categories and adds diagnoses which are more descriptive according to newer psychodynamic, sociological, and psychosomatic knowledge.

An important aid to both psychiatric and medical care of patients has been the appointment of two half-time medical officers to aid in employee and patient medical care. Since the details of this work had been carried by the psychiatric staff, with the consultation of Doctor Altschule, and much of it still is, the psychiatrists have thereby had a great deal of time released for psychological and sociological aspects of patient care. In addition there should be an improvement in medical care. Doctor Virginia Calkins was appointed half-time in May; and Doctor Gordon Winchell came in December, also half-time. Doctor Altschule will continue with his medical and research work, giving medical consultations and seeing new patients. Consultants are called frequently in surgery, orthopedics and

other specialties principally from the Massachusetts General Hospital.

The death rate was 19, four less than last year, all due to cardiovascular disease, pneumonia or cancer. There were 14 major operations and 18 minor operations. There were 2,781 medical consultations at the employees' clinic, and always several bed cases among the employees. All new patients had routine laboratory tests, and x-rays; and these are also done annually on old patients. There were 1,529 x-rays done on patients and employees, as well as 184 electrocardiograms, and basal metabolism and electroencephalograms as needed. The Pharmacy filled 19,627 prescriptions, the Dental Clinic for patients was open one day weekly. There are many patients and employees with dietary problems so that 25,172 special meals were made up, or 75 per day. It is still possible to care for physically ill patients, as well as psychiatric cases requiring more attention, without the use of special nurses except in rare instances. This effects considerable financial saving for families, and the patients get as good care from the "floor".

Electric Shock, insulin, and lobotomy treatments have been used where indicated, after study, and without impinging on psychotherapeutic standards. They are thought to have generally changed the character of mental hospital wards since their introduction, there being more sociability between patients and the wards having many less disturbed or depressed patients. Eighty-seven patients were treated with electric shock, and seventy with sub-coma insulin. There were four lobotomies.

Care is taken to study and treat the physical state of each patient especially since it may contribute to the psychological difficulty. Particular attention is paid to nutrition, exercise and rest. The persistent use of sedatives is discouraged, and restraint and seclusion are kept at a minimum. Restraint of mild nature has its main use in the protection of the aged from falling. Discharged patients almost all have an improved feeling of health and well-being.

Seven new physicians were appointed to the Staff in 1953, whereas two have left. Doctor Francis L. A. deMarneffe was appointed Assistant in Psychiatry in January, 1953; and Doctors Ruth B. and William F. Beuscher were appointed Residents in Psychiatry in July 1953. Doctor Samuel Bogoch left the

Appleton House

The Main Drive

Clinical Service and has continued his work for a Ph.D. in Biochemistry under Doctor Folch in the Research Laboratory. Doctor William H. Horwitz left in May. Doctor Peter E. Sifneos was appointed as Associate Psychiatrist in September, and is also working at the Massachusetts General Hospital. (Three of the physicians have thus returned to McLean after service elsewhere). Doctor Arthur J. Cain began work part-time in October. As mentioned before, Doctor Virginia Calkins and Doctor Gordon Winchell have each been working half-time with the medical problems since May and December, and both will continue.

Doctor Irene Pierce in the Psychology Department has been very helpful in the diagnosis and qualitative evaluation of illness. Valuable assistance was given her by Mrs. Elizabeth Anderson. Therapeutic possibilities are often pointed out by the psychological test. Doctor Maria Lorenz, of the Staff, has continued her research work on the use of Language as related to personality traits and begun to apply it in conference work on cases.

The reports of the two Research Laboratories, that of the Scientific Research Laboratory and the Laboratory of Clinical Physiology, appear under separate headings, as submitted by Doctor Jordi Folch-Pi and Doctor Mark D. Altschule. Both are clinically important in a broad approach to mental disease.

The Staff owes a debt of gratitude to the Trustees, especially to the McLean Committee for their visitations and thoughtful consideration of our problems, and for affording to us the opportunity to share in the work with patients at such a pleasant and beneficial hospital.

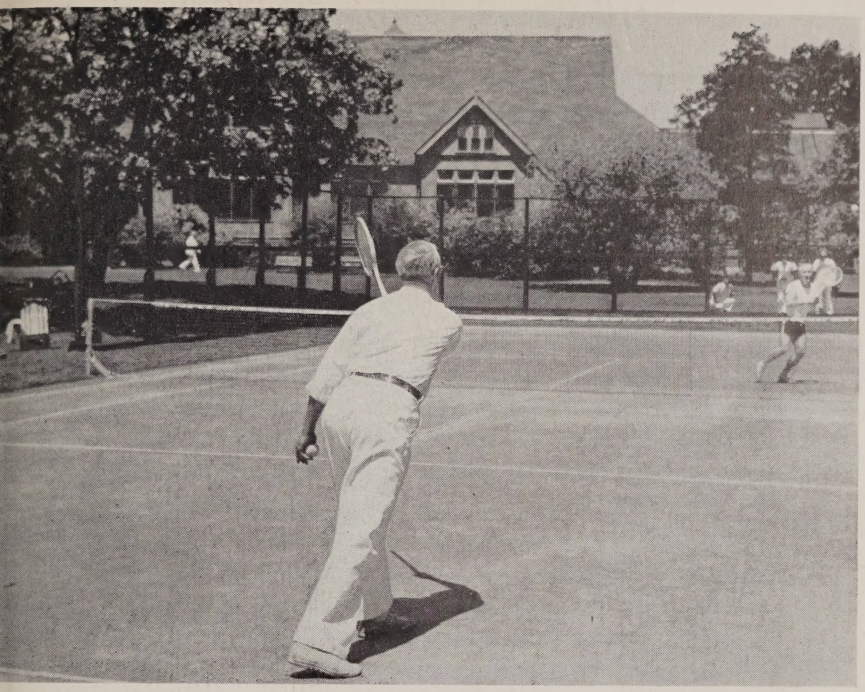
Respectfully submitted,

PAUL M. HOWARD, M.D.
Chief of Service, Acting

Report of the Director of Internal Medicine and of Research in Clinical Physiology

THE physical health of patients and staff has continued generally good. The only problems that have proved troublesome have been those associated with cardiovascular disease in the elderly or aged, and those owing to some of the viral diseases for which no specific antibiotic agents have yet been discovered. These viral infections, involving the respiratory organs or the gastrointestinal tract in recurrent epidemics, often have devastating effects in institutions for the sick; they can be treated only by means of general medical measures and meticulous nursing care. The fact that such outbreaks as have occurred at the McLean Hospital have been brief in duration and mild in severity is an indication of the quality of the nursing care. Aging of the patients and employees is responsible for the common occurrence of cardiovascular disorders of various types. Their treatment, being largely symptomatic, is time consuming. Doctors Virginia Calkins and Gordon Winchell, both of whom joined the staff during the last year, give most of their time to the employes' clinic but have also been most helpful in answering requests of the other members of the staff for consultations on patients. Nevertheless the hospital needs a medical resident to handle these and other medical problems. A minority of the patients receive intensive psychiatric treatment; most of the rest constitute—or at least from time to time present—medical problems.

The major interest of the laboratory continues to be the study of the altered carbohydrate metabolism of patients with schizophrenic, manic-depressive, and involutional psychoses. These disorders are three in number: 1. retarded utilization of glucose (perhaps owing to a temporal block in the Krebs' cycle beyond x-keto-glutaric acid), 2. depressed muscle (not hepatic) glycogenolysis after epinephrine, and 3. insulin resistance. This work, under the direction of Doctor Dorothy Henneman, resulted in the important discovery that these disorders are



The Men's Gym Yard

A Section of the Pottery Room, Women's Occupational Therapy

remedied by the intravenous infusion of large amounts of glutathione. The therapeutic implications if any of this finding remain to be determined.

In addition to this broad approach to the problem of mental disease, other distinctly practical avenues have also been followed. Positive contributions to the treatment of patients at the McLean Hospital that have been made by this Laboratory in the past six years include: 1. introduction of steroid hormones at this hospital for depressions and post-partum psychosis; 2. introduction of massive vitamin B complex therapy at this hospital for some psychoses called "senile"; 3. introduction at this hospital of chlorpromazine, a unique seditive useful in excited patients; 4. introduction of testing the carotid sinus in candidates for electroshock, and the giving of atropine in patients with sensitive carotid sinuses, thereby preventing certain potentially fatal reactions; 5. extension at this hospital of the range of therapeutic usefulness of shock therapy to some patients with heart disease by the use of other drugs that regulate cardiac action; 6. testing of a variety of procedures or drugs used at other clinics to improve or stimulate shock therapy and rejecting them as useless or hazardous.

The activities of the Laboratory were aided by a large grant from the Commonwealth Fund, by smaller grants from the Wilson Laboratories and Smith, Kline and French Laboratories, and by donations of expensive materials by the last two and also the Schwarz Laboratories.

The work in the Laboratory has continued to be carried out in the usual efficient, careful, and honest fashion by those two loyal technicians, Mrs. Paul Goncz (Rose-Marie Restaino) and Miss Phyllis Davis. Doctor Dorothy Hughes Henneman worked as a research fellow in the laboratory, until the pressing needs of her growing family forced her to withdraw at the end of the year. An important beginning in the work on glutathione was made under her direction. Mr. Julian Kitay, now a Fourth Year student at the Harvard Medical School, continued to work here as a volunteer during his free time.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.

Director of Internal Medicine and of Research in Clinical Physiology

Report of the Director of Scientific Research

DURING 1953 there have been some changes in the staff of the Research Laboratory. Dr. James A. Meath resigned effective May 31, to go into the practice of clinical psychiatry. Dr. F. N. LeBaron was granted a leave of absence for one year effective August to spend one year in England in the Biochemical Laboratories of the Maudsley Hospital in London. These vacancies have been filled by the appointments to the staff of Dr. S. Bogoch and Dr. G. H. Sloane-Stanley. Thus, the staff consists at the present time of five M.D.'s and two Ph.D.'s as it was last year. Assistance for restricted use has been received from the U.S.P.H.S. and the American Cancer Society to the extent of $47,321.28. This figure compares with the sum of $52,152.78 received in 1952. However, of the latter figure $7,881.40 were for non-recurrent use, namely for the purchase of permanent equipment. Thus, the total for this year of $47,321.28 corresponds to a total of $44,277.38 for 1952. In summary support has been essentially at the same level as last year.

The work during the year has been aimed as in the past to establishing the distribution of chemical compounds in relation to histological structure with the corollary of application of findings to other experimental and clinical problems as early as it appears profitable to do so. It has consisted, on one hand, of investigations on the isolation and identification of brain components, and, on the other hand, of the actual direct correlation of distribution of components and histological structure by the methods of quantitative histochemistry. Progress made along these two lines is reported below under the respective headings of Biochemical Studies and of Neuropathological Studies.

Biochemical Studies

Studies carried out have consisted essentially of the continuation and expansion of earlier work. They have dealt specifically with strandin, proteo-lipids, and phosphatido-peptides; with the

The Otto Folin Room, the Clinical Laboratory

The Employees' Clinic

isolation of brain proteins; with the state of copper in brain tissue; with the chemistry of acetal phosphatides; with the identification of the causative agent of encephalomyelitis; and, finally, with the development of preparative and of analytical methods which has resulted in initiating the study of two new subjects, namely the isolation of sulphatides, and the interrelation of lipids and electrolytes.

In the case of strandin, while progress has fallen short of establishing the chemical composition of this compound, it has been found that it most likely has the structure of a polysaccharide with lateral chains consisting of fatty acids and sphingosine, and of chromogenic groups. The latter appears to have a pyrrole as central group.

In the case of proteolipids and phosphatide-peptides work in full progress but the detailed report of observations made would be confusing at the present time.

The problems of isolation of proteins and of the state of copper in brain tissue have essentially been one problem during the year. It has been found that copper is present, mainly, if not exclusively, as constituent of three different fractions of copper proteins. Satisfactory progress has been made towards the isolation of the most abundant of these copper proteins.

Work on acetal phosphatides has resulted in the separation of a fraction that contains most of them and which may indeed represent already pure acetal phosphatides. It has been confirmed that their structure is different from that usually accepted at the present time.

The identification of the causative agent of encephalomyelitis has been carried out in collaboration with Drs. Raymond D. Adams and Byron Waksman, of the Department of Neurology of Massachusetts General Hospital. It has been a major line of work and has required the collaboration of most of the staff. The results obtained have been very encouraging and have thrown new light on this important problem. At the time of the last report it was felt that two agents might cause the disease, one being the proteolipids, as claimed by some other workers, and a second one being the acetal phosphatides. Further investigations proved our surmise to be wrong, and all the gathered evidence warrants now the conclusion that the causative agent is a small specific fraction of proteolipids, the balance of brain

components appearing to be inert as regards the disease. The main reservation to be made to our interpretation springs from the fact that, since we have traced the cause of this disease to a component representing less than 1% of the tissue solids, the possibility must be kept in mind that some other, as yet unknown, substance may be the causative agent. The point of whether a specific small fraction of proteolipid or an unknown substance is the agent can only be answered by its actual isolation.

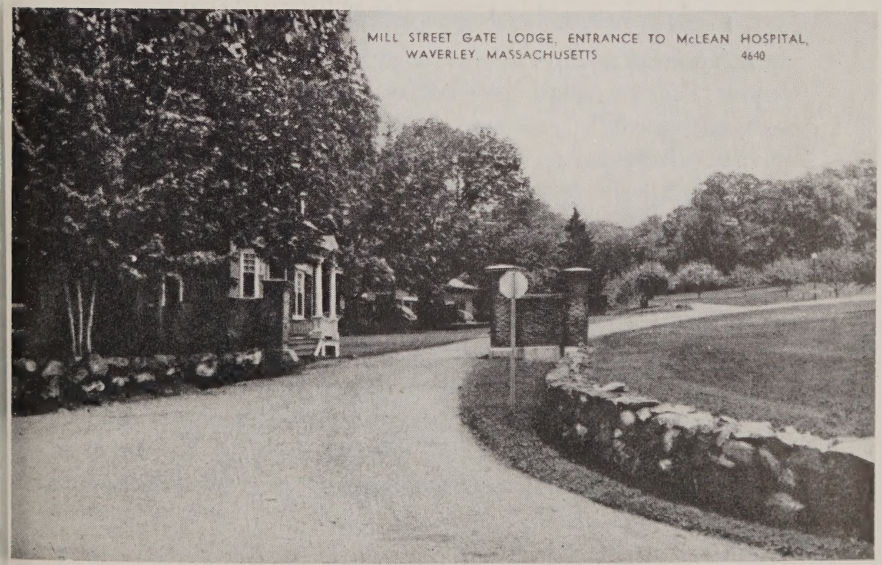
Two new methods have been developed during the year. One is a method for the determination of carbon, which is simpler, more sensitive, and as accurate as the present standard method of Van Slyke and Folch. The second method is a great simplification of a procedure developed in this laboratory for the preparation of total pure lipid extracts of brain. In the course of the work of development of that second method it has been found that exceedingly small concentrations of electrolytes influence the partition of certain lipids between the two phases of the biphasic system 50% aqueous methanol: chloroform. For instance, calcium chloride at the concentration of 1 part in 100,000 will decrease by 28% the amount of lipids in the 50% aqueous methanol phase. This observation has yielded the immediate benefit of allowing the development of a satisfactory procedure for the isolation of sulphatides, which are essentially unknown compounds. Also, since it has been found that the above effect of the electrolytes is an exponential function of their concentration, this observation will provide us with a tool for the quantitative study of lipid: electrolyte relationships.

Neuropathological Studies

Studies upon the quantitative enzymatic histochemistry of animal and human cerebral cortex have continued under the direction of Dr. Pope.

During the past year principal attention has been given to enzymes involved in the metabolism of adenosinetriphosphate and related compounds. Ultramicro assay procedures have been established and utilized for estimation of the activity of several such enzymes in samples of brain tissue of 50-150 micrograms wet weight. The enzymes include those that remove phosphate from adenylic acid (5-nucleotidase), that hydrolyze inorganic

Constant Temperature Room for Specialized Instruments, Laboratory of Scientific Research



Entrance to the McLean Hospital, Waverley, Massachusetts

pyrophosphate (pyrophosphatase), and that split the terminal high energy phosphate bond of adenosinetriphosphate (ATPase). In addition, the rate of inorganic phosphate formation from adenosinediphosphate has been studied. This may be due to a specific ADPase or to the combined action of adenylate kinase (myokinase) and ATPase.

Experiments designed to determine the quantitative distribution of these enzymes within the architectonic layers of the cerebral cortex have thus far been carried out upon ATPase only. Previously, experiments had indicated that in rat somatosensory isocortex ATPase, if activated by calcium ions, is like, acetylcholinesterase, most abundant at cortical levels where the neuropil is especially developed (layers I, the II-IIIa border, IIIb, and Va) thus suggesting primary association with the plexuses of axons and dendrites and, perhaps, localization at the surfaces of these structures. However, it has now been found that ATPase in the presence of magnesium ions as activators is not only five times more active than with Ca^{++} but shows an intracortical distribution pattern like that of the respiratory enzyme, cytochrome oxidase, with sustained activity throughout layers I-V and zones of especially high activity in layers IIa, IIIb-IIIc, and Vc. This pattern is consistent with localization in the mitochondria of nerve cell bodies and their dendrites. It seems possible, therefore, that nervous tissue contains two ATPases with different specific activators, different cytological localizations, and probably, different physiological roles.

Further experiments upon the enzymatic architecture of human cerebral cortex have been carried out upon cortical biopsy specimens excised during frontal lobotomy. During the past year specimens have been used for experiments upon the activity and intracortical distribution of alanylglycine dipeptidase and of both the Ca^{++} and Mg^{++} activated ATPases. Results of the dipeptidase experiments have been similar to those reported previously and support the probability that cortical proteolytic activity is chiefly localized in neuroglial elements. The architectonic patterns of both Ca^{++} ATPase and Mg^{++} ATPase are similar to those of the same enzymes in rat cortex and give additional support to the proposed hypothesis concerning the dual nature of ATPase activity in brain. As in the past, all experiments have been accompanied by complete neuropatho-

logical study of the specimen. These often show minor, probably secondary, neuronal or neuroglial changes but none that are constant or specific. Preliminary comparisons between clinical and laboratory findings have failed to reveal any correlation between enzymatic or neuropathological results and the psychiatric status of the patient or other clinical variables.

Respectfully submitted,

January 8, 1954

J. FOLCH-PI
Director of Scientific Research

Coffee Shop

The Diet Kitchen

Report of the

Purchasing and Steward's Department

Of the several different departments coming under the supervision of the Steward, the Dietary or Food Service Department is the largest, the most costly to operate, and requires the most attention. In addition to the Central Kitchen, which is the largest unit in operation, there are some twenty other installations situated throughout the hospital. Among this group are the Ward Food Serving Rooms and Dining Rooms.

This year, as in last year, some progress was made in the replacement of out-moded and inefficient food service equipment in these Ward Kitchens. Such items as mechanical dishwashers, hot water booster heaters, electric refrigerators and electric food warming equipment were installed. This has resulted in a noticeable improvement in Food Service.

In the Central Kitchen and Storeroom, two more self-contained refrigerator units were installed replacing the original ammonia refrigerators which had become obsolete and unreliable.

Early in July it became necessary to close the Officers' Dining Room because of a general falling-off of patronage and loss of dining room personnel. To accommodate those who remained, the Nurses' Dining Room was made available.

It is becoming more apparent each year for the necessity of a central Cafeteria Building where all hospital personnel could be served. This would be in the form of a pay cafeteria where the patrons would have the privilege of selecting from a menu the variety and quantity of food they desired. At present there are two dining rooms in operation—one is the Nurses' Dining Room, located in the Women Nurses' Home; the other is the Employees' Cafeteria located in the Service Building. The latter, situated as it is in the same building as the Central Kitchen, Bakery, Diet Kitchen and Store Rooms, requires a minimum of food handling and transportation which is an important factor

in good food service. However, the Cafeteria facilities are very limited and a new Central Cafeteria would have to be twice the size to properly serve all personnel. Some of the inconveniences of the Nurses' Dining Room are that it is located such a distance from the Central Kitchen where all food is prepared, and the improvised cafeteria system in use there now is extremely inadequate and in the original planning was never intended to accommodate the number it now serves. I believe with the proper arrangements and equipment a Central Cafeteria attractively furnished and decorated and offering a varied menu, would not only make a more contented employee relationship, but would be in the long run a much more economically operated dining set-up compared with the existing arrangements.

The supervisor of the laundry, Mrs. Marie Welch, retired after twenty years service. Succeeding her was Mr. Edward Bourget who has capably supervised this very important and active department of the hospital. As a result of surveys he has made, some improvements have been put into effect and several sound ideas have been proposed for the year ahead.

Most of the activity in redecorating and painting was confined to patients' rooms and ward areas. East House II was completely repainted with individual color schemes for each room. The second half of Proctor House II, closed for several years, was painted and furnished. Throughout the various ward buildings some twenty-four patients' rooms had new composition floors installed over existing wood floors. One major source of disturbance in maintaining attractive appearing rooms could be remedied by having the outside brick walls on some of the older buildings water-proofed which would prevent damage to inside paint, wall paper and plaster during heavy rains.

The manager of the Coffee Shoppe, Mr. George Henderson, and his two assistants, Mrs. Mary Donavon and Mrs. Ebba Jones, worked together to bring the Coffee Shoppe operation to the end of another successful year.

In the department which includes the Greenhouses, Gardens and Grounds, under the supervision of Mr. Louis Annunziata and Mr. Michael Lomedico, there was little change experienced in either personnel or operations during the year. A considerable road area around the Upham House and on the main driveway were resurfaced with hot top. In keeping with a reforesta-

The Main Kitchen

A Section of the Green Houses

tion plan adopted a few years ago, over two thousand four-year old pine trees were planted on the grounds of the hospital.

Respectfully submitted,

ALEXANDER ARMOUR

Steward and Purchasing Agent

McLean Hospital School of Nursing

Advisory Committee

Annual Report for 1953

THE Advisory Committee has held meetings monthly, except for the summer months, a total of seven meetings. The Annual Meeting was held in January.

The Rules of Procedure of the committee were reviewed and discussed. One revision was made as follows: ARTICLE II, FUNCTIONS 2 reads, "To keep itself informed as to emerging needs in the field of medicine and health as they affect nursing and especially in the field of Psychiatric Nursing." It was voted to add the following words on the end of this statement: "and Psychiatric Nursing Education."

The functions of the committee were reviewed. Pertinent comments are as follows:

1. That the committee members should interest themselves in legislation which pertains to nurses in the State of Massachusetts.
2. That the members make an effort to attend special programs of educational value at the McLean Hospital.

Mrs. Bancroft Beatley was re-elected Chairman of the Committee for 1953.

New members appointed by the trustees, upon recommendation of the committee, to fill vacancies were as follows:

Mrs. Francis Hunter, to replace Mrs. Pollock.

Mrs. Josephine Baty, to replace Mrs. Schmalz.

Mr. Charles Jenny, to replace the Reverend Arterton.

An expression of appreciation to the members who had served faithfully for two terms was made by the committee. The new members all represent the community.

The following material concerning the aims, administration, program and facilities of the school was presented:

1. Monthly reports of the school by the Director have been accepted and filed.

2. The recommendations from the Non-Collegiate Board of the National Accrediting Service was presented. Recommendations were discussed as follows:

   (1) That some indication of progress be made regarding communicable diseases and public health nursing for students. It was explained that all students were receiving a one-day observation in a public health agency (Everett, Massachusetts) and that this was all that could be handled in this area. The communicable disease experience is out of the question but all students receive theory and the women some experience at the Children's Hospital.

   (2) That the State Board Examination results be reviewed in relation to the national need and the instruction strengthened accordingly. Beginning this year, all students take the National League For Nursing Achievement Tests in all clinical areas. This gives us a measuring stick for our curriculum.

   The school participated in the special study of objectives of the educational unit.

   The committee expressed the opinion that the School of Nursing should be an agency member of the National League For Nursing. The school is not yet a member; the possibility is still under consideration.

3. Scholarships and Loan Funds were discussed at length and approvals and suggestions made:

   (1) A recommendation was sent to the Board of Trustees to award a $200 scholarship to a Belmont High School Student each year. This was approved and the first one was awarded at the annual graduation of the Belmont High School.

   (2) A recommendation was sent to the Board of Trustees to approve three scholarships of $200 each to be awarded worthy and needy incoming students. This was approved and will be considered beginning with the incoming class of 1954.

4. Arrangements concerning graduation were discussed and suggestions made.

5. Student problems in various areas were discussed and suggestions made.
6. The revised Personnel Policies for Attendants were distributed to the group and discussion followed, particularly concerning the functions of the group. A new orientation program, which was repeated three times in 1953, was explained.
7. The activities of the publicity program were discussed. Material was distributed.
8. New appointments to the Faculty were reviewed.

In order to keep itself informed concerning the needs in medicine and nursing in general at this hospital, the committee appreciated:

1. Individual tours for new members through various wards of the hospital.
2. The contribution made by Doctor Wood concerning the administration of this hospital.
3. The descriptions by Doctor Howard of various activities in this hospital, particularly in the field of research.
4. Invitations to various activities of patients and nurses at this hospital.
5. The discussion of nursing organizations, their meetings and contributions, also the active participation of same by members of these organizations.
6. The loaning of literature on professional, psychiatric and general nursing.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.

Secretary

Nurses' Library

A Section of the Nurses' Living Room at the Higginson House

The Nursing Department

THE aim of the Nursing Service includes the administration of nursing care in such manner that it will reflect a progressive approach toward better care of patients by means of adequate attitudes and the efficient functioning of those activities which are associated with such care. It is hoped that the recording of direct and indirect measures used by the Nursing Service during 1953 will reflect an approach toward better care of patients.

In terms of quantity, the full-time staff nurse group has decreased from 43 to 40, and the part-time group has decreased from 46 to 36. During the year, 70 staff nurses were employed and 30 resigned, a turnover of 41%. In terms of stability of service, preparation and experience, the head nurse group has had the greatest turnover. It has been a particularly hard task to find nurses interested in geriatric nursing and there has been considerable change in staff and head nursing on these services. Overall increases in salaries for the entire nursing group, put into effect in October of 1953, has given considerable satisfaction but has not increased applicants for geriatric nursing. An appeal to the Professional Nurses Counseling and Placement Service is beginning to bear fruit.

Careful selection of nurse personnel has been stressed in relation to registration, education and experience. Those whose background indicated a lack of preparation were given an opportunity to take courses given to affiliate students in psychiatry and psychiatric nursing, along with a rotation of clinical services. New members appointed in administrative and supervisory positions have been recorded in the School of Nursing Report.

The full-time attendant group has increased from 62 to 74, and the part-time group from 42 to 45. New personnel policies for attendants, which included definite functions, were put into effect early in 1953. The attendant group organized itself under the guidance of the faculty and chose two representatives to submit recommendations for consideration.

A fifteen-hour orientation program for all new attendants was started. During the year this program was completed three

times. Each individual who has passed a test satisfactorily at the end of the course will receive a statement of same. Much interest has been shown and the care of the patient has been more intelligent.

Guidance and Counseling Service has been offered to all attendants through the Guidance Committee. Several have been utilizing this opportunity.

A monthly in-service staff education program has been available to all nurses. These were offered in the form of lectures and films. The content included new aspects and research in psychiatry.

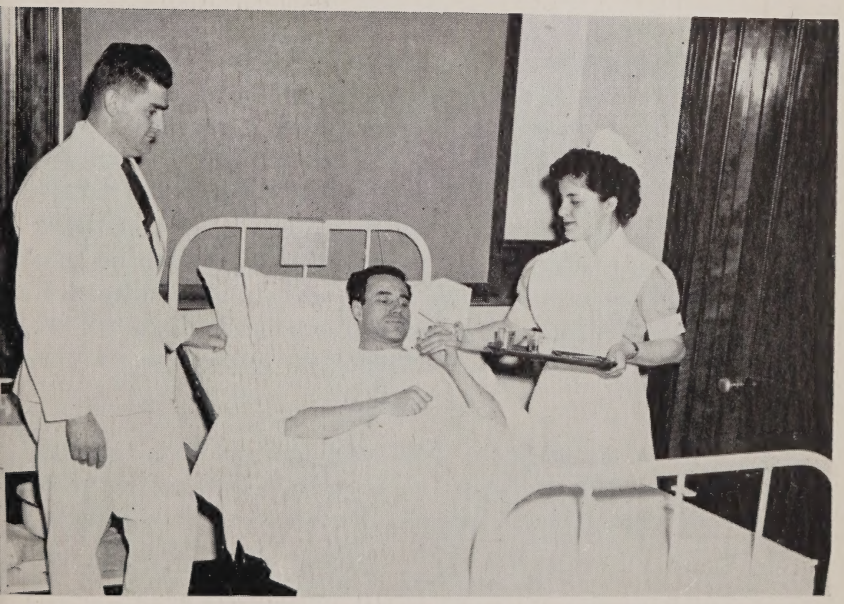
Special arrangements have been made for the nursing staff members and attendants, who work either full-time or part-time, to continue their education at nearby colleges. Twenty-one nurses and forty-six attendants have realized this opportunity.

The Committee on Records has continued to review all current records. Revisions have been made and approved on: 1) The patient's admission record; and 2) The three types of requisitions which are used to order supplies, to report needed repairs and to order personal needs for patients.

A new committee has been formed to study and standardize nursing and other procedures in the administration of nursing service.

The organizational structure has been such that recommendations toward better nursing care have been realized and put into effect. These have been daily conferences between doctors and supervisors, and weekly conferences between chiefs of services and department directors, including the Nursing Service. There have been monthly meetings of the Administrative Nursing Service and the monthly meetings of the head nurses conferences have been profitable. Out of these meetings some of the more important accomplishments have been: 1) A more progressive system of information between doctors and nurses which is needed for the immediate care of patients; 2) A clarifying precedent which was worked out with the Medical Staff as it pertains to nursing in relation to the administration of research drugs. This includes educational material presented at staff education programs and written material on each drug, to be posted on the service where it is given; 3) A Traction Room

Rear View Women Nurses' Home



Nursing Arts

set up in a strategic place where all necessary equipment can be obtained in emergency in the shortest possible time; and 4) A clarification of procedures in the Dietary Department in relation to the patients on special and regular diets.

The School of Nursing

The aim of the school of nursing centers around the activities which are necessary to any school. Certain areas of criteria must be used and put into practice in order to approach the philosophy and objectives set up for that purpose. Using these areas as a guide, this report should show the progress made in this school for the year 1953.

Control

Our School of Nursing Committee, acting as a liaison between the trustees of the hospital and the school, has held seven meetings in which they have discussed and given valuable advice concerning the various needs of the school. They have been an initiating factor, particularly toward the financial need of the students in the form of scholarships and loan funds. Through their recommendation, four scholarships and a special fund were set up for needy students by the Board of Trustees. New members appointed to fill vacancies to represent the community were Mrs. Francis T. Hunter, Mrs. Josephine Baty and Mr. Charles Jenny.

Finance

The experimental cost accounting has been continued. This has consumed considerable time including the able service of other departments of the hospital. The Steward of the hospital has agreed to calculate the cost of food for student personnel so that it can be included on the cost analysis in 1954.

Figures on the evaluation of student nursing service were included on the budget more accurately. Comparisons of budget and actual cost have given better data for each area and have made the faculty more cost conscious; thus, the various departments are considering costs more intelligently.

Faculty

Because good nursing education is dependent upon good nursing service, the functions of each group have been reviewed. A definite reorganization of responsibilities should help to

eliminate overlapping of these functions. It is hoped that these changes will be put into effect in 1954.

The qualifications of new faculty members have been discussed and reviewed in relation to personality, professional experience, state registration and educational background. The following appointments have been made:

1) Mr. Lawrence Souza, who was appointed Supervisor and Clinical Instructor, is a graduate of this school, holds a B.S. in Nursing from Boston University, has had over nine years of nursing experience which included two years in the U. S. Army Air Corps, five years in staff and head nursing and two years of staff nursing at this hospital.

2) Miss Leslie McMordie, who was appointed Supervisor of Health and Operating Room, is a graduate of the Simmons College School of Nursing, holding a B.S. in Nursing, has had one year of experience as a clinical teaching intern, one year as an Assistant Head Nurse and Team Leader at the Massachusetts General Hospital, and one Summer Session of teaching at Simmons College.

3) Miss Frances Foley, who was appointed as Assistant Instructor in Science, is a graduate of the Memorial Hospital School of Nursing, Worcester, Massachusetts, holds a B.S. in Nursing Education from Boston College School of Nursing, has had experience for two years as a staff nurse, one year as a head nurse, two and one-half years as O. R. Supervisor, one and one-half years in the U.S.A.N.C. as O. R. Supervisor and Chief Nurse, and five years as Science Instructor in a school of nursing.

4) Head Nurses of the Assistant Faculty Group appointed were Mr. Harold C. Reuell, Mr. Henry J. Langevin, Mr. Henry H. Harvey, Miss Mary C. Murray, Miss Ruby Sancewich and Mrs. Edith Murphy.

The faculty organization has functioned in such a manner that all members have participated in the work of the school. The faculty and assistant faculty groups have met monthly and have considered educational programs and nursing service recommendations made by active standing committees which include students in their membership. During the year, the Assistant Director of the school of nursing and the Assistant Directors of Nursing Service have alternated meetings bi-

Investiture Services

Nurses' Laboratory

monthly with the Head Nurse Assistant Faculty group to discuss problems of nursing education and nursing service. A total faculty meeting was held when all faculty, assistant faculty and associate members were able to coordinate the work of the organization through annual reports from all groups. A representative from the School of Nursing Advisory Committee was present at this meeting.

The exchange of ideas between professional groups outside the hospital has continued. Those faculty members who have participated either in professional nursing organizations or in groups such as state hospital psychiatric organization, state recruitment groups, Red Cross First Aid or special study groups in a particular area are Mrs. Makin, Mr. Durham, Miss Connor, Mrs. Spencer, Miss Newton, Mr. Schumann, Miss Heusel and the Director of the School.

Student Personnel

The effort to obtain qualified students has continued. The work of the Committee on Publicity is as follows: 1) Pamphlets, "Schools of Nursing in Greater Boston," mailed to the more active sources of interest—225; 2) Bulletins sent out to addresses on the permanent mailing list—310; 3) Folders, "Nursing, A Career With A Future," sent out from permanent mailing list—225; 4) A special folder, "Figuring Your Future," sent from permanent list and 154 selected sources in the Middle West—384; 5) Preparation of newspaper releases on school activities; 6) Photographing of Investiture Service on colored films—an additional strip for the McLean Hospital School of Nursing film which has not been completed.

Despite the efforts in the recruitment program, only 49 applications were reviewed in 1953, a decrease by 16 students in 1952. Surprisingly enough, the number of applicants accepted increased from 15 to 18 and the caliber of applicants appears to be better. The attrition record shows a decline of withdrawals from the school because of failure in theory and/or practice. The percentage of failure for this reason was 12.5% in 1950 and none so far since that date. We hope this indicates that applicants have been chosen more carefully in relation to academic and practical achievement the last three years. Other reasons for withdrawals are unsuitable personalities (despite our screening processes), marriage or other personal reasons.

The promotion and graduation plans have again included a public Investiture Service to accept preclinical students into the school. In March, this service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. The women were presented caps and the men four-in-hand ties. The school greatly appreciated the contribution of the speaker, Miss Elizabeth McMahon, past president of the Massachusetts State Nurses Association, who gave an appropriate talk to the students as a part of the service.

The Student Association has been active. In 1953, Mr. Carl Lieberwirth was elected president. He has faithfully carried out his responsibility, including attendance of all activities with the Massachusetts State Council of Nurses, as representative of the Student Association. Through the recommendation of the members, the hospital has granted space in the basement in Higginson House for a Rumpus Room. The plan includes redecoration and furnishing by the students, with partial financial aid from the hospital.

The Student Association plans their own social events. In February of 1953, a joint committee—formed by this Association in cooperation with The Children's Hospital School of Nursing and the Mount Auburn Hospital School of Nursing Associations—put on a "Queen of Hearts" Ball at Longwood Towers. Publicity in advance included interviews with newspaper reporters and one radio broadcast. The planning and execution was well done.

Other activities of the Association have included a Christmas card sale to earn funds, a Christmas contribution in cash to a needy Belmont family, several dance functions, a Variety Show given in cooperation with the Senior Class activities and the singing of Christmas carols to the patients.

For student recreation, one set of golf clubs, one toboggan, three soft ball bats, three soft balls, five tennis racquet presses, one badminton press, three badminton racquets, one volley ball and one basket ball have been purchased from funds donated to nurses by patients or patients' relatives. This equipment has also been used in athletic instruction of students. The student association has three representatives on the Recreational Committee.

The Student Association plans to send delegates to the Na-

tional Student Council at the regular American Nurses Association Convention in 1954.

Scholarships, Loans and Other Funds

The study of financial need for students has continued. The Committee on Scholarships and Loans increased again the small cash scholarships awarded at Graduation Exercises from the Annabella McCrea Scholarship Fund for student progress. The McLean Hospital Nurses' Alumni Association awarded a single scholarship for the purpose of advanced education, and the Paramount Uniform Company gave a scholarship for student progress in the first year. Four students were selected from first, second and third year levels as recipients.

The Lucia E. Woodward Fund, which is administered under the McLean Hospital Nurses' Alumni Association, has been used during the year for two students in financial need.

A definite fund for needy students was established by the Board of Trustees for the year 1953. An account each year will help to establish what amount this fund should hold the ensuing year.

The Board of Trustees voted to award a $200 scholarship to a Belmont High school student each year. This was approved and the first one was awarded at the annual graduation of the Belmont High School.

The Board of Trustees also voted to approve three scholarships of $200 each to be awarded worthy and needy incoming students. These scholarships will be considered beginning with the incoming class of 1954.

The school has received a letter from the Woman's Auxiliary to the Middlesex South District Medical Society offering scholarships for students in this county. It is hoped that an applicant to this school will be eligible for one of these scholarships.

A general Loan Fund, supported by the hospital for all employees, has been in constant use. Thirty loans have been made to students and graduates, upon recommendation. No interest has been charged.

Curriculum and Clinical Experience

No content changes have been made in the curriculum this past year, but definite revisions made to make the program more productive in nursing were as follows: 1) National League for

Nursing Achievement Tests in all clinical areas given to basic students. 2) A comprehensive psychiatric nursing examination which includes psychiatry and other allied subjects which will be a final test of better correlation of content and application in this field for both basic and affiliating students. This program will start in 1954. 3) Additional members of the Curriculum Committee which includes representatives from each teaching area in psychiatric nursing in order to correlate content and eliminate overlapping of subject matter. 4) A better correlation of clinical teaching by eliminating the Ward Teaching Committee as such and forming a subcommittee on clinical teaching within the Curriculum Committee. 5) Consideration of orthopedic experience for men students at the Massachusetts General Hospital. This assignment is to be given to as many men as possible at present, until further plans have been developed. 6) The revision of the Instruction and Experience Record for Occupational Therapy and the Class Instruction Record have been approved.

Accreditation

The continued approval of this school by the National Nursing Accrediting Service has been received for 1954. Comments from the letter of approval read as follows:

> "We are please to inform you that, at the recent meeting of the Non-collegiate Board of Review, the program in nursing offered by the McLean Hospital School of Nursing was approved for full accreditation for the year 1954. It will as heretofore be named in the revised National League for Nursing official list of fully accredited schools which will be published in the February 1954 issue of NURSING OUTLOOK. We wish to express appreciation of the continued efforts of you and your faculty to improve nursing care of patients through improved nursing education."

During 1953, the following activities were carried out with the above authority: 1) Participation in a special study of objectives of the educational unit. 2) Material furnished on the qualifications of new faculty members.

Final Statement

The progress of this school, as outlined, is the result of concerted effort on the part of the participants and it is with deep

appreciation we include the Board of Trustees, the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service and nursing education personnel.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.

Director of the School of Nursing and Nursing Service

McLEAN HOSPITAL

Report of the

School of Nursing and Nursing Service

CENSUS, December 31, 1953

	Women	Men	Total
Graduate Nurses:			
Full-time	57	20	77
Part-time	26	10	36
Total	83	30	113
School of Nursing:			
Accepted Students	12	11	23
Preclinical Students	7	10	17
Affiliating Students	46	0	46
Total	65	21	86
Total Graduates and Students	148	51	199
Students on Affiliation:			
Massachusetts General Hospital	6	11	17
Children's Medical Center	4	0	4
Boston Lying-in Hospital	0	0	0
Total	10	11	21
Students Affiliating from other Schools:			
Massachusetts General Hospital	21	0	21
Radcliffe College Program	1	0	1
Simmons College School of Nursing	10	0	10
Children's Medical Center	10	0	10
Mount Auburn Hospital	2	0	2
Graduates	2	0	2
Total	46	0	46
During 1953:			
Graduated	6	16	22
Preclinical Students Admitted	8	10	18
Preclinical Students Dropped or Resigned	1	0	1
Accepted Students Dropped or Resigned	1	1	2
Students from Affiliating Schools who have completed course:			
Massachusetts General Hospital	112	0	112
Radcliffe College	0	0	0
Simmons College School of Nursing	27	0	27
Children's Medical Center	42	0	42
Mount Auburn Hospital	9	0	9
Beth Israel Hospital	1	0	1
Graduates	2	0	2
Total	193	0	193
Student Veterans Enrolled:			
Public Law 346	0	11	11
Public Law 550	0	7	7

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1954, including subsequent appointments received, effective up to and including July 1, 1954

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrator
an.: anesthetist
assoc.: associate
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
supt.: superintendent
u.: urologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department
Oph.: Ophthalmology
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Serv.: Social Service

S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital
Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOT, E. S., cons. psychiat. (*McL.*) Pencomb Farm, Wayland
ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.
Abbott, L. C., *Or.* 1916 Univ. Hosp. Med. Center, San Francisco, Calif.
ABRAMSON, D., a. obst. 127 Bay State Rd.
Acheson, G. H., *W.M.* 1939 Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio
Ackerman, I. P., *M.* 1951; a.r.p. 1952 Mount Sinai Hosp., New York, N. Y.
ADAMS, F. D., *Bd. of Cons.* (*W.M.* 1918) 226 Marlborough
Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.
ADAMS, J., Jr., a.d. 704 Huntington Ave.
Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 203 Commonwealth Ave.
Adams, Raymond A., r.p. *N.* 1951 Univ. of Virginia Med. Sch., Richmond, Va.
ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.
Adams, W. B., *E.M.* 1918 Owls Head, Maine
Adamson, G. L., r.p. *N.* 1930 Winnipeg Clinic, Winnipeg, Manitoba, Canada
ADLER, M. H., clin. assoc. *Psychiat.* 130 Washington, Newton
Ahnlund, N. W., r.s. *Or.* 1943 Santa Clara County Hosp., San Jose, Calif.
Albright, E. C., *W.M.* 1942 3901 Euclid Ave., Madison, Wis.
ALBRIGHT, F., p. (*W.M.* 1926) M. G. H.
Albuquerque, P. F., r.s. *U.* 1944 Rua Gomes Carneiro No. 28, Rio de Janeiro, Brasil
Aldwin, F. J., *C.M.* 1933 185 Crown, Meriden, Conn.
Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923 Commercial National Bank Bldg., Iron Mountain, Mich.
ALLEN, A. W., *Trustee; Bd. of Cons.* (*W.S.* 1915) 266 Beacon
ALLEN, H. F., a. *Oph.* (*W.S.* 1943) 200 Beacon
Allison, C. R., *W.M.* 1938; a.r.p. 1940 176 S. Goodman, Rochester, N. Y.
ALLMAN, C. H., s. *Otolar.* 520 Commonwealth Ave.
Alper, J. M., *E.M.* 1935 425 West End Ave., New York, N.Y.
ALPERT, D. R., a. *Oph.* 41 Bay State Rd.
Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945 2107 Van Ness Ave., San Francisco, Calif.
Alt, R. E., *W.S.* 1933 1 Monument Sq., Beverly
Alton, B. H., *W.S.* 1916 27 Elm, Worcester
ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*) 74 The Fenway
Andersen, E. W., a.r.p. *An.* 1948 Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.
Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd.,
Charleston, W. Va.
ANGLEY, J. C., a. *M.*
School, Bryantville
Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934
20 Linden, Brattleboro, Vt.
Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932
20 Linden, Brattleboro, Vt.
Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.
Arthur, R. J., *C.M.* 1952
Children's Med. Center
Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium,
Middleboro
Atherton, L. D., r.s. *U.* 1952
321 W. Broadway,
Louisville, Ky.
ATKINS, L., a.r.p. *Path.* M. G. H.
Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.
Atwood, W. G., *W.S.* 1921
151 Rock, Fall River
Aub, Elizabeth F., *M.* 1952
Boston Psychopathic Hosp.
AUB, J. C., p. (*E.M.* 1915); h.p. *E.M.* 1917 M. G. H.
AUFRANC, O. E., v.s.*Or.* (*Or.* 1938); r.s. *Or.* 1939 266 Beacon
Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington, S.W.7,
London, England
AUSTIN, R. C., a.r.s. (*S.* 1951)
M. G. H.
Averill, J. H., *M.* 1947
249 Crescent, Northampton
AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.
Ayers, W.B., *W.S.* 1943
75 Central Park West,
New York, N. Y.
Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd.,
Los Angeles, Calif.
Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield
Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline
Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio
Badger, G. S. C., *W.M.* 1898
435 Marlborough
BADGER, T. L., clin. assoc. *M.* (*E.M.* 1928) 264 Beacon
Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke
BAGGETT, B., a. *Biochem. Res. M.* M. G. H.
Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.
BAKAY, L., a. *N.S.*; sr.r.s. *N.S.* 1951 M. G. H.
Baker, D. V., Jr., *E.S.* 1943 40 Broad
BAKER, M. P., p. (*E.M.* 1930)
262 Beacon
Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.
BAKER, WILLIAM H., a. *M.*
M. G. H.
Baker, William J., *W.S.* 1943
1071 Brush Hill Rd., Milton
BALBONI, G. M., hon. p. 20 Prince
BALBONI, V. G., a.p. (*W.M.* 1942)
101 Bay State Rd.
BALCH, F. G., hon. s. (*W.S.* 1893)
109 Moss Hill Rd., Jamaica Plain
BALCH, F. G., Jr., clin. assoc. *S.* (*E.S.* 1925)
1180 Beacon, Brookline
Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.
BALLANTINE, H. T., Jr., a.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 319 Longwood Ave.
Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
BANDURSKI, R. S., a. *Biochem. Res. Chem.* M. G. H.
BANKER, BETTY Q., a.r.p. *N.P.*
M. G. H.
Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.
Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg.,
Charleston, W. Va.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline
Barnes, B. A., *W.S.* 1945; a.r.s. 1952
1180 Beacon, Brookline
Barnett, C. G., *M.* M. G. H.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.
BARNEY, J. D., hon. s. (*E.S.* 1905)
412 Beacon
BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon,
Brookline

BARR, J. S., c. *Or.* (*Or.* 1929) M. G. H.

Barretto, O. de F., *An.* 1944
Rua Gabriel Dos Santos 420, Sáo Paulo, Brasil

Barrow, D. W., *E.S.* 1937
348 Central Bank Bldg., Lexington, Ky.

Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 330 Dartmouth

BARRY, RT. REV. R. P., *Trustee*
71 Warner, W. Somerville

Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.

BARTLETT, M. K., v.s. (*W.S.* 1931) 264 Beacon

Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.

Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.

Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.

Batt, R. C., r.p. *R.* 1940
210 Glen, Glens Falls, N. Y.

Bauer, F. L., *Path.* 1941
Army Med. Serv. Grad. Sch., Army Med. Center, Washington, D. C.

BAUER, W., c. *M.;* r.p. *W.M.* 1927 M. G. H.

Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd., Astoria, Long Island, N. Y.

Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.

Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.

BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.

Beeman, C. B., *Path.* 1934
16 Monroe Ave., N. E., Grand Rapids, Mich.

BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.

Behringer, G. E., *W.S.* 1946; a.r.s. 1952 266 Beacon

Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton

Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.

Bell, John W., *E.S.* 1946
1214 E. 64th, Seattle, Wash.

BENDA, C. E., a. *Psychiat.*
21 Bay State Rd.

Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.

BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.

BENEDICT, PATRICIA H., a. *M.*
264 Beacon

Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.

Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.

BENNETT, DORIS R., a. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952
33 Southgate Pk., W. Newton

Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.

Bennett, W., *M.* 1948; a.r.p. 1949
New Eng. Center Hosp.

BERENBERG, W., cons. *C.M.*
Children's Med. Center

Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.

BERG, R. L., a. to gen. dir. *Res. and Ed.;* a.p. (*M.* 1944); c.r.p. 1950 M. G. H.

Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.

Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.

BERLOW, S., c.r.p. *C.M.* (*C.M.* 1951) M. G. H.

BERNSTEIN, N. R., a.r.p. *Psychiat.* M. G. H.

BEUSCHER, RUTH B., a. *Psychiat.* (*McL.*) McLean Hosp., Waverley

BEUSCHER, W. F., a. *Psychiat.* (*McL.*) McLean Hosp., Waverley

Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa

Biddle, S., r.p. *N.* 1928
255 S. 17th, Philadelphia, Pa.

Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
3 Champney Pl.

Bienvenu, L. J., a.r.p. *D.* 1951
795 Elm, Manchester, N. H.

Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Vet. Adm. Hosp., W. Roxbury

Billig, H. E., Jr., *Or.* 1935
401 Ross, Glendale, Calif.

Binger, C. A. L., *E.M.* 1915
125 E. 73rd, New York, N. Y.

BINION, J. T., a.r.p. (*M.* 1953) M. G. H.

Binney, H., *S.S.* 1902
65 Green, Milton

Bird, K. T., *M.* 1944
53-A North Dr., Plandome, Long Island, N. Y.

Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.
Bishop, R. C., *M.* 1945; a.r.p. 1949
2672 Maplewood Ave., E. Ann Arbor, Mich.
Bixby, H. I., *W.S.* 1924
21 Park, Attleboro
Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.
BLAND, E. F., p. (*E.M.* 1929) M. G. H.
BLANK, I. H., res. assoc. *D.* M.G.H.
Bliss, H. A., *M.* 1945; a.r.p. 1947
4 W. Clearfield Rd., Havertown, Pa.
Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio
BLODGETT, F. M., assoc.p. *C.M.* (*C.M.* 1946); c.r.p. *C.M.* 1950 M. G. H.
Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.
BLOM, G. E., a. psychiat. M. G. H.
Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp., Framingham
Bloomer, E., *E.S.* 1917
22340 Michigan Ave., Dearborn, Mich.
Blunden-Morris, Dulcie E., a.r.p. *An.* 1953 306 Patterson Ct., Takoma Pk., Md.
BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924
15 Holyoke, Cambridge
Boger, W. P., a.r.p. 1942
640 N. Broad, Philadelphia, Pa.
BOGOCH, S., sc.res.a. (*McL.*)
McLean Hosp., Waverley
Boller, C., *E.M.* 1929
276 Dorchester Rd., Rochester, N. Y.
BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.
Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina, Charleston, S. C.
Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.
Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave., New Britain, Conn.
Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.
Boutwell, H. K., *E.M.* 1905
15 Green, Brookline
Bowden, L., Jr., *E.S.* 1941; a.r.s. 1942
444 E. 68th, New York, N. Y.
Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline
BOWER, W. H., psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Waverley
Boyd, H., *C.M.* 1922
937 Main, Manchester, Conn.
Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill, Portland, Oreg.
Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.
Boylston, B. F., sr.r.s. *Or.* 1950
5215 S. Main, Houston, Tex.
BRACE, L. D., *Trustee* 67 Milk
BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline
BRAILEY, A. G., a.p. (*E.M.* 1930)
1180 Beacon, Brookline
BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.
BRANNON, L. C., a.r.s. *N.S.* M. G. H.
BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale
Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center
BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle, Cambridge
BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.
BREED, F. B., a. *Oph.*
3 Winter, Salem
Brendler, S., sr.r.s. *N.S.* 1953
New Eng. Center Hosp.
Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave., Charlotte, N. C.
Brent, R. L., *C.M.* M. G. H.
Breslin, J. E., *C.M.* 1938
74 North, Pittsfield
BREWSTER, H. H., a. psychiat. (*W.M.* 1940) M. G. H.
Brewster, W. R., Jr., a.r.p. *An.* 1950 M. G. H.
BRICKLEY, W. J., cons. *Forensic Path.* 524 Commonwealth Ave.
Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp., Baltimore, Md.
BRIGGS, B. D., assoc. an. M. G. H.
Brigham, F. G., *E.M.* 1910
1101 Beacon, Brookline
Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.
Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.

BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 101 Bay State Rd.
BRODERICK, T. F., Jr., a.s. *Or.*; sr.r.s. *Or.* 1947 1265 Beacon, Brookline
Brooks, P. T., *E.S.* 1943; a.r.s. 1949 Walla Walla Clinic, Walla Walla, Wash.
Broome, R. A., Jr., *M.* 1944 307 S. Orange Ave., Orlando, Fla.
Brown, C. S., a.r.p. *D.* 1952 U.S. Naval Dispensary, Washington, D. C.
Brown, F. B., *Or.* 1937 612 Drayton, Savannah, Ga.
Brown, Lloyd, *N.S.* 1938 341 Highland, Milton
Brown, Lloyd T., *S.S.* 1908 372 Marlborough
BROWN, MADELAINE R., assoc.n. 264 Beacon
Brown, Ralph G., *Path.* 1942 722 Prospect Ave., Winnetka, Ill.
Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon
Brown, Robert K., *W.S.* 1939; r.s. 1942 1624 Gilpin, Denver, Colo.
BROWN, T., a.s. *Or.*; r.s. *Or.* 1949 234 Marlborough
BROWNELL, G. L., assoc. physicist *M.* M. G. H.
Brues, A. M., *E.M.* 1932 Univ. of Chicago, Chicago, Ill.
Buchanan, R. N., Jr., r.p. *D.* 1941 706 Church, Nashville, Tenn.
Buchanan, W. R., Jr., *C.M.* M. G. H.
BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.
Bull, E. C., *Or.* 1917 384 Post, San Francisco, Calif.
Bullard, C. W., *W.S.* 1918 194 High, Newburyport
BUNKER, J. P., assoc. an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.
BURBANK, C.B., a. *S.* (*W.S.* 1939); r.s. 1942 264 Beacon
BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935 1093 Beacon, Brookline
BURKE, J. F., a.r.s. (*S.* 1952) M. G. H.
Burland, G. R., a.r.s. 1953 Olds, Alberta, Canada
Burnett, C. H., c.r.p. 1946 North Carolina Memorial Hosp., Chapel Hill, N. C.
Burnett, F. L., *S.S.* 1908 520 Commonwealth Ave.
Burns, E. M., r.p. *Psychiat.* 1935 2222 N.W. Lovejoy, Portland, Oreg.
BURRAGE, WALTER S., assoc.p. (*E. M.* 1927) 330 Dartmouth
Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine
Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester
BURT, AGNES S., a. *Path.* (*Path.* 1950); a.r.p. *Path.* 1951 M. G. H.
Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough
Bush, R. D., *W.S.* 1943 203 Commonwealth Ave.
BUTLER, A. M., c. *C.M.* M. G. H.
Buttles, R. V., r.p. *Path.* 1950 Heaton Hosp., Montpelier, Vt.
Byers, R. K., *E.M.* 1923 Children's Med. Center
BYRNES, R. L., a.r.p. *Path.* M. G. H.
CAIN, A. J., a. *Psychiat.* (*McL.*) McLean Hosp., Waverley
Calhoun, F. P., Jr., *E.M.* 1938 540 Peachtree Battle Ave., Atlanta, Ga.
CALKINS, E., a. *M.*; c.r.p. 1952 M. G. H.
CAMPBELL, C. R., a.r.p. *Path.* M. G. H.
Campbell, J. L., r.p. *An.* 1940 806 Republic Bldg., Denver, Colo.
CANADA, WILMA J., r.p. *R.*; a.r.p. *Path.* 1951 M. G. H.
CANER, G. C., n. (*W.M.* 1924) 63 Marlborough
CANLAS, B. D., Jr., a.r.p. *Path.* M. G. H.
CANNON, B., assoc. v.s. 330 Dartmouth
Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran, Glendale, Calif.
Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.
Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.
Capland, L., r.p. *D.* 1940 541 Lincoln Rd., Miami Beach, Fla.
Capps, J. A., *E.M.* 1896 1215 E. 56th, Chicago, Ill.
Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave., Chicago, Ill.
Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio
Carey, J. M., *W.S.* 1946 76 Miami Ave., Newington, Conn.

Carmody, J. T. B., a.r.s. *N.S.* 1936
340 Main, Worcester
CARNES, H. A., a. oral s.
29 Bay State Rd.
CARNEY, H. J., a. oral s.
395 Commonwealth Ave.
Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944
420 E. 59th, New York, N. Y.
CARROLL, W. J. E., assoc. s. *Otolar.* 5 Chestnut, Arlington
Carson, P. C., r.s. *Or.* 1940
38 School, Springfield
Carter, E. L., *S.* M. G. H.
CARTER, F., a. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1948
51 Brattle, Cambridge
Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948
26 Farrar, Cambridge
Carter, R. R., r.p. *N.* 1942
553 Med. Arts Bldg., Portland, Oreg.
Cascario, N., Jr., *Dn.* 1944
36 N. 1st, Bangor, Pa.
Case, C. T., *W.S.* 1943
270 Genesee, Utica, N. Y.
CASS, J. W., Jr., a.p. (*W.M.* 1931)
1101 Beacon, Brookline
CASTEN, V. G., s. *Oph.* (*N.* 1929)
412 Beacon
Castle, W. B., *E.M.* 1923
Boston City Hosp.
CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.
Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa
CAVANAUGH, T., a.s. *Oph.*
395 Commonwealth Ave.
CAVE, E. F., v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon
Cecil, L. McF., *M.* 1950
University Hosp., Ann Arbor, Mich.
CERRATO, C. M., a.s. *Otolar.*
15 Bay State Rd.
Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921
1136 W. 6th, Los Angeles, Calif.
Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 39 E. 75th, New York, N. Y.
CHAMBERLIN, DOROTHY B., a. psychiat. (*McL.*)
McLean Hosp., Waverley
Chamberlin, H. R., *C.M.* 1949
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
CHANDLER, P. A., s. *Oph.*
5 Bay State Rd.
Chapin, L. D., *E.M.* 1908
20 Maple, Springfield
Chaplin, H., Jr., *M.* 1948; r.p. 1950
Hammersmith Hosp., London W12, England
Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.
CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 330 Dartmouth
CHAPMAN, W. P., a. *M.*
M. G. H.
Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.
Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton
Cheer, Sheo-Nan, *E.M.* 1922
National Central Univ., Nanking, China
Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.
Chernoff, A. I., *M.* 1948
120 Dwight, New Haven, Conn.
CHISHOLM, J. F., Jr., a. *Oph.*
Mass. E. & E. Inf.
Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.
Christensen, W. R., *W.M.* 1943
Salt Lake County Gen. Hosp., Salt Lake City, Utah
Christenson, W. N., *M.* 1949; a.r.p. 1950
New York Hosp., New York, N. Y.
CHRISTMAN, G., dn.s. (*Dn.* 1951); a.r.s. *Dn.* 1952
395 Commonwealth Ave.
CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.
CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) 203 Commonwealth Ave.
Cianciolo, J. F., *Dn.* M. G. H.
Claiborne, T. S., *W.M.* 1934
384 Peachtree, Atlanta, Ga.
Clap, E. W., *E.M.* 1895
99 Bay State Rd.
Clapp, S., *N.S.* 1939
1926 W. Superior, Duluth, Minn.
CLARK, DEAN A., gen. dir. M.G.H.
Clark, DeWitt S., Jr., *E.S.* 1915
2 Oliver, Salem
Clark, G. O., *E.S.* 1904
"Chailey", Newburyport
CLARK, L. D., a. *Psychiat.* (*M.* 1948); r.p. *Psychiat.* 1950 M. G. H.
Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.
Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.
CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester

Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Clarke, B. G., *E.M.* 1943
943 Oak, Winnetka, Ill.
CLAY, C. L., a.dir. M. G. H.
Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine
CLIFFORD, M. H., a.p.; a.r.p. 1935
501 Boylston
CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline
Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.
CLOUGH, J. M., a. *Oph.*
101 Bay State Rd.
Clowes, G. H. A., Jr., a.r.s. 1948
12 Pine Hill Rd., Toronto, Canada
Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.
COBB, S., c. *Psychiat.*; cons. psychiat. (*McL.*) M. G. H.
COBBS, B. W., Jr., r.p. (*M.* 1953) M. G. H.
COCHRAN, W. D., a.r.p. *C.M.* M. G. H.
COE, R. C., a.r.s. (*S.* 1951) M. G. H.
COGAN, D. G., assoc. s. *Oph.*
Mass. E. & E. Inf.
Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.
COGSWELL, THELMA B., exec. a. *O.P.D.* (*S.N.* 1926) M. G. H.
COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline
Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.
Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center
Cohen, M. E., a.r.p. *Psychiat.* 1936
M. G. H.
COHEN, R. B., a. *Path.*; r.p. *Path.* 1953 M. G. H.
Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.
COHN, Z. A., a.r.p. (*M.* 1954) M. G. H.
COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon
Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.
COLE, E. M., assoc.n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*)
412 Beacon
Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.
Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.
COLLINS, HERSCHEL D., r.p. (*M.* 1953) M. G. H.
Collins, R., Jr., *E.S.* 1933
3812 S. 9th, Arlington, Va.
COLLINSON, A. W., a.s. *Oph.*
226 Bay State Rd.
COLOKATHIS, P., a.r.s. *Or.* M. G. H.
Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada
Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Australia
Colwell, H. S., *E.M.* 1916
309 Edwards, New Haven, Conn.
Comly, H. H., *C.M.* 1944
2105 Como Ave., St. Paul, Minn.
Compton, D. W., r.p. *An.* 1946
1110 Harvard Ave., Seattle, Wash.
Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.
Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.
Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg., Winston-Salem, N. C.
CONSTABLE, J. D., a.r.s. (*S.* 1953) M. G. H.
Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.
Coolidge, J.C., *C.M.* 1945
12 Orchard Rd., Belmont
Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.
Coombs, F. S., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio
Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton
Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.
COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.
Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.
COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington
Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.
Cozen, L., *Or.* 1938
2007 Wilshire Blvd., Los Angeles, Calif.

CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
412 Beacon
Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 McLean Hosp., Waverley
Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C.
Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.
CRAWFORD, E. S., r.s. (*E.S.* 1947)
M. G. H.
Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N.Y.
CRAWFORD, J. D., assoc.p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949
M. G. H.
CROCKER, JULIE S., a.r.p. *An.*
M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington; 101 Bay State Rd.
Cronkhite, L. W., Jr., *M.* 1950; r.p. 1953 M. G. H.
Crothers, B., *W.M.* 1911
Children's Med. Center
CROWELL, W. M., a. psychiat. (*McL.*) McLean Hosp., Waverley
CROWLEY, C. W., a.dn.s.
8 Newbury
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 509 Olive Way, Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
Culver, G. A., a.r.p. *An.* 1950
Box 17039, Houston, Tex.
CULVER, P. J., a.p. (*E.M.* 1942)
M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood
CUMMIN, J. W., hon. s. (*S.S.* 1897)
416 Marlborough
CUMMINS, LORETTA J., hon.p.
412 Beacon
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.*
226 Marlborough
CURRIE, R. A., a.r.s. (*S.* 1950)
M. G. H.
CURTIN, R. R., a.r.s. (*S.* 1953)
M. G. H.
Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant
Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAFFINEE, R. W., assoc.p. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
Presbyterian Hosp., Newark, N. J.
Dalrymple, W., *M.* 1947
239 Walnut, Brookline
Dalton, J. E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
Damiani, C. R., r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.
Dann, D. S., h.p. *R.* 1922
410 Professional Bldg., Kansas City, Mo.
Darling, R. C., Jr., *C.M.* M. G. H.
d' Autremont, C. C., r.p. *N.* 1948
82 Marlborough
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.
Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.
DAVIES, J. A. V., p. *C.M.*
319 Longwood Ave.
Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.
Davis, B. M., a.r.s. *W.S.* 1942
4 Woodcote Park Ave., Purley, Surrey, England
Davis, J. M., *S.* 1948; a.r.s. 1952
1819 Goodwin, Jacksonville, Fla.
DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge
Dawson, C. W., *Or.* 1936
150 E. Broad, Columbus, Ohio
DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.

DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.
DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon
DeLORME, T. L., sr.r.s. *Or.* M. G. H.
d'Elseaux, F. C., *W.M.* 1929 37 Marlborough
de MARNEFFE, F. L. A., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952 McLean Hosp., Waverley
DEMING, RUTH, exec. a. *O.P.D.* (*S.N.* 1925) M. G. H.
DEMPSEY, P. A., dn.s. 56 Melville Ave., Dorchester
Dennen, R. W., *E.S.* 1911 Tennants Harbor, Maine
Dennie, C. C., *D.* 1914 1103 Grand Ave., Kansas City, Mo.
Denton, Jane E., *M.* 1946; a.r.p. 1946 Cushing Vet. Adm. Hosp., Framingham
Derby, J. P., *Or.* 1925 20 Maple, Springfield
Derow, H. A., *Path.* 1928 520 Beacon
Derow, S., *Path.* 1931 925 Centre, Newton Centre
Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941 25 Maple, Springfield
Detwiler, R. H., *C.M.* 1940 Med. Arts Bldg., Arlington, Va.
DEUTSCH, HELENE, *Bd. of Cons.* 44 Larchwood Dr., Cambridge
Dewey, E. B., *E.S.* 1921 Thatcher Med. Center, 960 E. Green, Pasadena, Calif.
Dexter, R., *E.M.* 1906 1422 Euclid Ave., Cleveland, Ohio
DIAMOND, L. K., cons. *C.M.* Children's Med. Center
Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl., New York, N. Y.
DICKSON, W. A., a.p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947 266 Beacon
DIENES, L., cons. b. M. G. H.
DIETRICH, H. J., a. *Otolar.* 1101 Beacon, Brookline
Dillon, V. M., *Or.* 1932 490 Post, San Francisco, Calif.
Ditmore, H. B., Jr., *S.* M. G. H.
Dixson, I. M., *W.S.* 1930 1601 Downing, Denver, Colo.
Dodd, R. B., a.r.p. *An.* 1950 127 Washington, Allston
Dodge, R. S., a.r.s. *Or.* 1946 402 Dillingham Bldg., Honolulu, T. H.
Dodson, L. C., r.s. *P.H.* 1932 330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935 Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945 St. Louis Univ. Med. Sch., St. Louis, Mo.
Dole, K. L., *E.S.* 1917 47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941 Rockefeller Inst. Hosp., New York, N. Y.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.
DONAHUE, H. C., assoc. s. *Oph.* 520 Commonwealth Ave.
Donald, J. H., *M.* 1947; a.r.p. 1948 1545 W. Colorado Blvd., Dallas, Tex.
DONALDSON, G. A., a.s. (*E.S.* 1938); r.s. 1942 266 Beacon
Drake, E. H., a.r.s. 1945 29 Deering, Portland, Maine
Drake, T. G., a.r.p. 1937 4515 Lindell Blvd., St. Louis, Mo.
Dresel, R. L., *Or.* 1921 450 Sutter, San Francisco, Calif.
Drewry, G. R., *M.* 1953 994 Sumner Ave., Springfield
DREYFUS, P. M., r.p. *N.* M. G. H.
DROOKER, J. C., assoc. s. *Otolar.* 20 Charlesgate West
DUDLEY, H. R., Jr., a.r.p. *Path.* (*M.* 1953) M. G. H.
Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
DUGGAN, J. A., a. *C.M.* 713 Pleasant, Worcester
Dulin, J. W., *Path.* 1933 University Hosp., Iowa City, Iowa
Dumas, C. E., r.p. *R.* 1931 390 Main, Worcester
DUNCAN, C. J., a.obst. 1101 Beacon, Brookline
DUNCOMBE, A. L., clin. assoc. *M.* (*E.M.* 1934) 167 Newbury, Brockton
Dunn, C. H., *W.M.* 1901 Katonah, N. Y.
DUNN, E., a.r.s. M. G. H.
DUNN, FA-CHI, a.r.p. *D.* M. G. H.
Dunn, W. M., *E.S.* 1912 127 Peachtree, N. E., Atlanta, Ga.
DUNPHY, E. B., c. *Oph.* Mass. E. & E. Inf.
Durkin, H. A., *C.M.* 1915 and *W.M.* 1917 102 North, Peoria, Ill.
Durno, E. R., *E.S.* 1929 7 S. Central Ave., Medford, Oreg.

D'Urso, J. J., r.p. *D.* 1944
301 Essex, Lawrence

DuTOIT, C. H., a.p. (*W.M.* 1943); c.r.p. 1949 M. G. H.

Dwight, R. W., *W.S.* 1931
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

DYER, E. C., a.p. *C.M.*
1180 Beacon, Brookline

EASTON, M. T., assoc.s. *Oph.*
1180 Beacon, Brookline

Eaton, W. E., *D.* 1907
American Coll. of Surgeons,
Chicago, Ill.

Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield

Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.

Edsall, G., *E.M.* 1936
36 Follen, Cambridge

Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama,
Birmingham, Ala.

Egel, N., r.s. *Or.* 1938
917 Stella Ave., Plainfield, N. J.

Egloff, F. R. L., r.p. *Psychiat.* 1951
1007 Farmington Ave.,
W. Hartford, Conn.

EHRENKRANZ, N. J., r.p. (*M.* 1950)
M. G. H.

Eiseman, B., *E.S.* 1943
Vet. Adm. Hosp., Denver, Colo.

ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main,
Hingham

Eliel, L. P., *E.M.* 1942
Oklahoma Med. Res. Inst.,
Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943
923 Rosewell Ave.,
Long Beach, Calif.

Elliot, H. L., r.p. *An.* 1942
479 Beacon, Manchester, N. H.

Elliott, J. A., Jr., *M.* 1945
1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., a.p. (*E.M.* 1941)
1101 Beacon, Brookline

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952
110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928
319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947
Vet. Adm. Hosp., Denver, Colo.

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942
270 Commonwealth Ave.

Emerson, K., *E.S.* 1902
721 Huntington Ave.

Emerson, W. J., a.r.p. *Path.* 1947
Box 269, Somerville, N. J.

Emmons, A. B., II, *W.S.* 1905
Bay View Estates, Brewster Dr.,
Indian Rocks, Fla.

ENDEE, C. H., a.dn.s.
6 Marlborough

ENGEL, L. L., assoc. biochem. *M.*
M. G. H.

English, H. S., a.r.p. *N.P.* 1948
Syracuse Med. Sch.,
Syracuse, N. Y.

Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.

ERNLUND, C. H., s. *Otolar.*
5 Bay State Rd.

ESSEMBER, L. J., a. *C.M.*; a.r.p. *C.M.* 1953 Beverly Hosp.,
Beverly

Esslinger, J. O., a.r.s. *Or.* 1952
309 W. 6th, Fulton, Mo.

EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Hancock, N. H.

EVANS, M. G., s. *Otolar.*
416 Marlborough

EVANS, RICHARD R., a. *M.* (*Path.* 1944) 263 Beacon

EVANS, ROBLEY D., cons. *Physics*
M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950
701 S. Broadway, McAllen, Tex.

Ewell, J. W., *W.M.* 1937
Dept. Hygiene and Health,
Yale Univ., New Haven, Conn.

Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.

Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.

Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.

Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.

FALLON, F., exec. a. M. G. H.

Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp.,
Providence, R. I.

Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.

Farmer, D. A., *W.S.* 1943
62 E. Newton

FARNSWORTH, D. L., assoc.p. (*W.M.* 1935)
Med. Dept., M. I. T., Cambridge

Farrell, M. E., *C.M.* 1934
318 Spring Ave.,
Clarksburg, W. Va.

FARRISEY, RUTH M., exec. o. *O.P.D.* (*S.N.* 1938) M. G. H.
Faulkner, J. M., *E.M.* 1925
80 E. Concord
Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg., Grand Rapids, Mich.
Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
FEDERMAN, D. D., a.r.p. (*M.* 1954) M. G. H.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
FENNELL, R. H., Jr., a. path.; sr.r.p. *Path.* 1949 M. G. H.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington
Ferguson, E. L., *S.* M. G. H.
FERGUSON, I. A., Jr., a.r.s. (*S.* 1953) M. G. H.
Ferguson, J. J., Jr., *M.* 1951; a.r.p. 1952
15 Penguin Ave., E. Greenwich, R. I.
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.
FIELD, J. B., r.p. (*M.* 1952) M. G. H.
Field, R. A., *M.* 1950; r.p. 1953
Washington Univ. Sch. of Med., St. Louis, Mo.
Finck, A. J., a.r.p. *An.* 1949
39 Somerset Rd., Brookline
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
Finley, K. H., *W.M.* 1934; r.p. *N.* 1936
2675 Pacific Ave., San Francisco, Calif.
Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.
Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic
Fisher, Mary S., *M.* 1949
7716-A Lucretia Mott Way, Elkins Park, Pa.
Fishman, R. A., r.p. *N.* 1950
Neurological Inst., Presbyterian Hosp., New York, N. Y.
Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine
Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.
Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.
FITZHUGH, G., p. 330 Dartmouth
FLAGG, J. A., a.r.p. *An.* M. G. H.
Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.
Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg., Fort Worth, Tex.
Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio
Floyd, C., *W.M.* 1904
246 Marlborough
FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem
Fogg, N. A., *W.S.* 1918
Rockland, Maine
FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Waverley
Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.
Foley, T. M., *Or.* 1915
1835 Eye, N. W., Washington, D. C.
Folsom, H. F., *W.M.* 1931
198 Union, Framingham
FORBES, A., cons. *Neurophysiol.*
Biological Lab., Harvard Univ., Cambridge
FORBES, ANNE P., a.p. M. G. H.
Ford, A. B., *M.* 1950; a.r.p. 1952
2843 Hampton Rd., Cleveland, Ohio
FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.
Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.
Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.
FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton
Foster, D. P., *E.M.* 1923
Henry Ford Hosp., Detroit, Mich.
FOSTER, F. D., a. dir. M. G. H.
Foster, G. S., *M.* 1952; a.r.p. 1953
11-16 160th, Beachhurst, Long Island, N. Y.
Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.
Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline
Frame, B., *M.* 1949; a.r.p. 1950
Grace-New Haven Community Hosp., New Haven, Conn.

Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.
Frank, T., a.r.p. *C.M.* 1953
38 Alpine, Cambridge
Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline
Franseen, E. F., j.r.s. *Or.* 1947
146 Chestnut, Springfield
FRANTZ, I. D., Jr., a.p. M. G. H.
Franz, E. M., a.r.s. *Or.* 1948
85 Grant, Denver, Colo.
FRAZEE, J. R., assoc. s. *Otolar.*
1180 Beacon, Brookline
FRAZIER, C. N., c. *D.* M. G. H.
FRAZIER, H. S., a.r.p. (*M.* 1954)
M. G. H.
FREEDBERG, A. P., clin. assoc. *D.*
360 Essex, Salem
Freedman, H. J., *C.M.* 1928
483 Beacon
Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.
Freeman, G. M., *Dn.* 1946
27 Appleton Pl.,
Upper Montclair, N. J.
Freeman, N. E., r.s. *W.S.* 1935
1435 4th Ave.,
San Francisco, Calif.
Freeman, W. T., *C.M.* 1922
Biltmore, N. C.
FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford
Freiberg, J. A., *Or.* 1926
707 Race, Cincinnati, Ohio
Freymann, J. G., *M.* 1947; a.r.p. 1951
M. G. H.
Frick, Adelaide H. C., a.r.p. *C.M.*
1946 Roslyn, Long Island, N. Y.
FRIEDLICH, A. L., Jr., a.p. (*M.*
1943); r.p. 1948 M. G. H.
Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.
Fritz, W. F., *M.* 1950; a.r.p. 1951
National Heart Inst., USPHS
Hosp., Baltimore, Md.
Frost, Harold M., *W.S.* 1915
501 Boylston
Frost, Horace B., *E.S.* 1897
1035 Washington Blvd.,
Oak Park, Ill.
Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave.,
Washington, D. C.
Fuchs, P., *W.S.* 1942
3a Ave. 7-34,
Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
85 Trumbull, New Haven, Conn.
Fuller, Henry, *W.M.* 1929
133 S. Kentucky Ave.,
Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Gamble, C. J., *W.M.* 1922
255 Adams, Milton
Gamble, J. L., *W.M.* 1912
Children's Med. Center
Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.
Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa
GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence
Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.
GANZ, R. N., assoc. p. *C.M.* (*C.M.*
1925) 262 Beacon
GARCELON, G. G., clin. assoc. *S.*
483 Beacon
Gardella, J. W., *M.* 1945; a.r.p. 1946
M. G. H.
Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp.,
Toronto, Canada
Gardner, G. E., *C.M.* 1938; r.p. *C.M.*
1939 7 Trapelo Rd., Belmont
Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.*
1947 Syracuse Memorial Hosp.,
Syracuse, N. Y.
GARLAND, J., *Bd. of Cons.* (*C.M.*
1919 and *E.M.* 1921)
8 The Fenway
Garland, R., *W.S.* 1904
28 Dale Ave., Gloucester
GARRAN, F. W., Jr., a.r.s. (*S.*
1951) M. G. H.
Garrett, J. W. D., *An.* 1940; r.p. *An.*
1941 43 Harwood Rd., E. Natick
GARREY, W. E., clin. assoc. *S.* (*E.S.*
1933); r.s. 1936
1180 Beacon, Brookline
Garrigues, H. B., *W.S.* 1939; a.r.s.
W.S. 1940 509 Olive Way,
Seattle, Wash.
Garrity, R. W., sr.r.s. *N.S.* 1950
U. S. Naval Hosp.,
San Diego, Calif.
GASTEIGER, E. L., Jr., res. assoc.
N.S. M. G. H.
GASTON, L. W., a.r.p. (*M.* 1954)
M. G. H.

Gates, P. H., r.p. *Psychiat.* (*McL.*) 1942 4 Walnut Ave., Cambridge
GAULD, A. G., assoc. obst. (*E.S.* 1934) 1180 Beacon, Brookline
Gaunt, F. P., *W.S.* 1913 13-A N. Gore Ave., Webster Groves, Mo.
Gay, L. N., *E.M.* 1918 1114 St. Paul, Baltimore, Md.
Gens, J. P., r.s. *U.* 1943 64 Wall, Norwalk, Conn.
Gentry, R. W., *E.S.* 1943 65 N. Madison Ave., Pasadena, Calif.
George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 203 Trust Co. Bldg., Watertown, N. Y.
GEPHART, F. T., a. *S.* (*W.S.* 1942); r.s. 1948 205 Beacon
GERGELY, J., a. biochem. *M.* M. G. H.
Gevalt, F. C., Jr., a.r.p. 1943 Sharon Clinic, Sharon, Conn.
GIBBONS, J. F., a.r. M. G. H.
GIBERTI, FLORENCE, exec. a. *O.P.-D.* (*S.N.* 1929) M. G. H.
Gibson, G. C., *W.S.* 1944 Robinson Memorial Hosp., Ravenna, Ohio
Gibson, J. G., a.r.p. *Psychiat.* 1951 Maudsley Hosp., London S.E., England
Gibson, L. E., r.s. *U.* 1926 713 E. Genesee, Syracuse, N. Y.
Giddings, W. P., *W.S.* 1939; r.s. 1946 528 Main, Bennington, Vt.
Gilbert, A. C., h.s. *U.* 1923 Vet. Hosp., Walla Walla, Wash.
GILLESPIE, L., a. obst. 1180 Beacon, Brookline
Gillies, A. J., a.r.p. *An.* 1952 Strong Memorial Hosp., Rochester, N. Y.
Ginandes, S. C., *C.M.* 1952 37 Mellen, Cambridge
Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934 920 S. Jefferson, Roanoke, Va.
Glendy, R. E., a.r.p. 1934 920 S. Jefferson, Roanoke, Va.
Glenn, W. W. L., a.r.s. 1946 749 Millbrook Lane, Haverford, Pa.
GLICKLICH, E. A., a. *D.* 464 Commonwealth Ave.
GLIMCHER, M. J., a.r.s. *Or.*; a.r.s. 1953 M. G. H.
GLOTZER, D. J., a.r.s. (*S.* 1953) M. G. H.
Glover, D. M., *W.S.* 1922 St. Luke's Hosp., Cleveland, Ohio
Godley, Anne F., *M.* 1949; a.r.p. 1950 499 Mount Auburn, Cambridge
Goeringer, C. F., *Or.* 1940 209 S. 63rd, Philadelphia, Pa.
GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919 319 Longwood Ave.
Goettsch, Elvira, *C.M.* 1931 4140 Ambrose Ave., Los Angeles, Calif.
GOETZ, F. C., c.r.p. (*M.* 1947) M. G. H.
Goldblatt, M. E., *E.M.* 1926 983 Park Ave., New York, N. Y.
Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise, New Orleans, La.
Golden, R., h.p. *R.* 1921 622 W. 168th, New York, N. Y.
GOLDEN, T. S., clin. assoc. *C.M.* 118 Union Ave., Framingham
Goldsmith, L. H., *C.M.* 1923 365 Cloverhurst Ave., Atlanta, Ga.
Goldthwait, Joel C., a.r.p. *Path.* 1948 Vet. Adm. Hosp., W. Roxbury
GOLDTHWAIT, JOEL E., hon. s. 372 Marlborough
GOODALE, F., Jr., a.r.p. *Path.* M. G. H.
Goodale, J. L., *W.M.* 1893 Ipswich
GOODALE, R. L., s. *Otolar.* 330 Dartmouth
GOODALL, E. B., a. *Oph.* 99 Bay State Rd.
Gordon, A. M., *C.M.* 1929 405 6th Ave., Des Moines, Iowa
Gordon, E. S., *Path.* 1935 1300 University Ave., Madison, Wis.
GORDON, J. E., cons. *Prev. M.* Harvard Sch. of Public Health
Gore, C. P., a.r.p. *Psychiat.* 1952 1 Grosvenor Ct., Grosvenor Hill, Wimbledon, London S. W., England
Gorman, Rosemary V., a.r.p. 1945 626 Westminster Ave., Elizabeth, N. J.
Gottschalk, C. W., *M.* 1946; r.p. 1952 North Carolina Memorial Hosp., Chapel Hill, N. C.
GOVE, B. J., a.dn.s. 508 Commonwealth Ave.
Graeser, J. B., *W.M.* 1929 298 Grand Ave., Oakland, Calif.
Graham, C. P., *E.S.* 1935 and *N.S.* 1936 21 N. Front, Wilmington, N. C.

GRAHAM, JOHN B., a. *S.*
M. G. H.
GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain
GRAHAM, RUTH M., clin. cytologist
M. G. H.
Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell
GRANT, W. M., a. *Oph.*
Mass. E. & E. Inf.
GRAY, B. C., a. *D.* 416 Marlborough
GRAY, F. C., *Chairman of Trustees*
10 P. O. Sq.
GRAY, R., *Secretary of the Corporation*
15 State
Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.
Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, R. M., cons. *Anat.* (*S.S.* 1907) 80 Mason Ter., Brookline
Green, T. H., Jr., *S.* 1947; r.s. 1953
M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, E. M., *E.M.* 1889
Vineyard Haven
Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.
GREENE, J. E., a. *M.*
23 Bay State Rd.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
H. M. S.
Greene, Robert G., a.r.s. *Or.* 1953
Children's Med. Center
Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Gregg, A., *W.M.* 1917
49 W. 49th, New York, N. Y.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
GREGORY, J. D., a. biochem. *Res. Chem.* M. G. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
Univ. of California Sc. Labs., Los Alamos, N. M.
GRIESEMER, R. D., a. *D.*; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
Grillo, H. C., *S.* 1948; a.r.s. 1953
M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation, 2020 E. 93rd, Cleveland, Ohio
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
GUNDERSEN, A.L., a.r.s. (*S.* 1950)
M. G. H.
GUNDERSEN, SIGURD B., Jr., a.r.s. (*S.* 1949) M. G. H.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.*
101 Bay State Rd.
GURALNICK, W. C., dn. s.
29 Commonwealth Ave.
Guyton, A. C., *W.S.* 1943; a.r.s. 1946
211 S. 5th, Oxford, Miss.
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
Haggart, W. W., *E.S.* 1924
1236 Republic Bldg., Denver, Colo.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
HAIRE, P. G., a.s. *Oph.*
6 Pleasant, Malden
Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.
HALEY, W. D., a. *Oph.*
78 Church, Winchester; 1180 Beacon, Brookline
Hall, B., *M.* 1946
273 S. Limestone, Lexington, Ky.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
HALL, T. C., a.r.p. M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon

Hallenbeck, D. F., Jr., r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley

HALLOWELL, P., a.r.p. *An.* M. G. H.

Halsted, J. A., *W.M.* 1932 Vet. Adm. Center, Los Angeles, Calif.

Hamilton, Harold H., r.s. *P.H.* 1933 70 Court, Plymouth

Hamilton, Howard B., *C.M.* 1945 350 Henry, Brooklyn, N. Y.

Hamilton, R. DeL., *E.M.* 1904 223 High, Newburyport

HAMLIN, E., Jr., assoc.v.s. (*W.S.* 1936); r.s. *W.S.* 1939 264 Beacon

HAMLIN, H., clin. assoc. *N.S.*; r.s. *N.S.* 1942 270 Benefit, Providence, R. I.

Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914 112 E. 74th, New York, N. Y.

Hammond, W., *Path.* 1929 36 Crane Rd., Scarsdale, N. Y.

Hampton, A. O., r.p. *R.* 1927 Garfield Memorial Hosp., Washington, D. C.

Hand, D. W., *Or.* 1934 450 Sutter, San Francisco, Calif.

HANELIN, J., assoc.r.; r. (*McL.*) M. G. H.

Hanflig, S. S., *Or.* 1931 371 Commonwealth Ave.

Hanser, T. H., *E.M.* 1924 3701 Grandel Sq., St. Louis, Mo.

HAPP, L. C., a. *Oph.* 170 Waterman, Providence, R. I.

Haralambie, J. Q., *C.M.* 1936 Larchmont, N. Y.

Harder, H. J., a.r.p. *An.* 1952 Virchow Hosp., W. Berlin N65, Germany

HARDY, HARRIET L., assoc. p. Med. Dept., M. I. T., Cambridge

HARDY, I. B., Jr., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942 94 Russell, Waltham

Harper, W. F., *E.S.* 1924 Swift Bldg., Selma, Ala.

Harral, P., *Or.* 1936 450 Sutter, San Francisco, Calif.

Harris, H. P., Jr., *N.S.* 1936 1432 Post Rd., Fairfield, Conn.

Harris, W. R., a.r.s. *Or.* 1952 609 Med. Arts Bldg., Toronto, Canada

Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929 255 Bradley, New Haven, Conn.

Harrison, M. B., *E.M.* 1938 104 Funston Ave., San Francisco, Calif.

Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf

Harter, J. S., *W.S.* 1935 212 Brown Bldg., Louisville, Ky.

Harting, D., *C.M.* 1947 1625 Northern Pkwy., Baltimore, Md.

Hartwell, J. B., *W.S.* 1905 23 E. Pikes Peak Ave., Colorado Springs, Colo.

Hartwig, A. R., a.r.s. *Or.* 1948 490 Post, San Francisco, Calif.

Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939 135 Main, Waterbury, Conn.

Harvey, R. B., *M.* 1946 Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.

HARWOOD, R., assoc. p. (*W.M.* 1936) 266 Beacon

Haswell, H. P., a.r.p. *An.* 1949 1403 E. Seneca, Tucson, Ariz.

Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple, Salt Lake City, Utah

HATCH, FRANCIS W., *Trustee* 1220 Statler Office Bldg.

Hathaway, J. S., r.p. *E.M.* 1932 109 College, New Haven, Conn.

Haut, A., *M.* 1950; r.p. 1953 Salt Lake County Gen. Hosp., Salt Lake City, Utah

Havemeyer, W. F., a.r.s. 1948 Box 308, Willcox, Ariz.

HAVEN, G. W., a.dn.s.; dn.s. (*McL.*) 29 Bay State Rd.

Hawes, C. H., *W.S.* 1931 151 Rock, Fall River

Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942 Faulkner Hosp., Jamaica Plain

Hawkes, R. S., *W.M.* 1933 47 Deering, Portland, Maine

Hawkins, R., r.s. *N.S.* 1948 571 Hamilton Ave., Palo Alto, Calif.

HAYDEN, E. P., assoc. v.s.; h.s. *E.S.* 1923 270 Commonwealth Ave.

HAYDEN, J. W., a.r.s. *Or.* M. G. H.

Hayes, D. R., *E.S.* 1939 281 State, Springfield

HAYNES, RUTH C., a.r.p. *An.* M. G. H.

HAYNES, W. M., Jr., a.r.s. (*S.* 1952) M. G. H.

HEAD, J. M., a.r.s. (*S.* 1951) M. G. H.

Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
HEATH, P., dir. *Oph. Path. Lab.*
Mass. E. & E. Inf.
HEATH, P., Jr., a.r.p. M. G. H.
Heath, R. D., a.r.s. *Or.* 1950
30 W. Bells Mill Rd., Chestnut Hill, Philadelphia, Pa.
Heffron, R., *E.M.* 1931
The Commonwealth Fund, 1 E. 75th, New York, N. Y.
HELMAN, M. E., a. *D.*
375 Commonwealth Ave.
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
HENDREN, W. H., III, a.r.s. (*S.* 1953) M. G. H.
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 205 Beacon
Henley, T. F., *C.M.* 1939
116 Lockland Ave., Winston-Salem, N. C.
HENNEMAN, P. H., a. *M.* M. G. H.
Henry, M. O., *Or.* 1922
825 Nicollet Ave., Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc., Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
Hershey, F. B., *E.S.* 1947; r.s. 1952
Barnes Hosp., St. Louis, Mo.
HESS, HELEN H., sc. res. a. (*McL.*)
McLean Hosp., Waverley
Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
647 Pleasant, Weymouth
Heyl, H. L., r.s. *N.S.* 1940
Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation, New Canaan, Conn.
HIEBERT, C. A., a.r.s. (*S.* 1952) M. G. H.
Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
41 Cypress, Newton Centre
HILL, J. M., a. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro
Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
HILL, W. R., Jr., a.d.
520 Commonwealth Ave.
Hills, H. M., Jr., *Or.* 1942
524 Med. Arts Bldg., Charleston, W. Va.
Hills, O. W., *M.* 1943
111 St. Matthews Ave., San Mateo, Calif.
HINDMAN, D. H., a. obst.
1093 Beacon, Brookline
Hinshaw, A. J., *E.S.* 1947
714 Goodhue Bldg., Beaumont, Tex.
HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham
Hitchcock, H. H., *Or.* 1922
1624 Franklin, Oakland, Calif.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.
Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio
Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W., Washington, D. C.
HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 262 Beacon
Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.
Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford
Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.
Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave., Milwaukee, Wis.
HOLDER, R., a. *Psychiat.* (*M.* 1945); r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover
HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1180 Beacon, Brookline
Hollings, C. B., *W.S.* 1908
John Hancock Mut. Life Ins. Co.
HOLMES, E. M., s. *Otolar.*
330 Dartmouth

HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine

HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham

Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp., Toronto, Canada

Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.

Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine

Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro

Homans, J., *S.S.* 1904
1180 Beacon, Brookline

HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 205 Beacon

HOMANS, MRS. ROBERT, *Trustee*
280 Beacon

Hoodless, E. C., a.r.s. *Or.* 1952
St. Joseph's Hosp., Victoria, British Columbia, Canada

Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp., Baltimore, Md.

Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield

HOPKINS, R. W., a.r.s. (*S.* 1948) M. G. H.

Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead

Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline

Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
2901 Capitol Ave., Sacramento, Calif.

Horrax, G., h.s. *W.S.* 1917
605 Commonwealth Ave.

Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 51 Brattle, Cambridge

Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950
Tulane Univ. Sch. of Med., New Orleans, La.

Howard, H. H., *W.S.* 1914
1 Fishers Lane, Delray Beach, Fla.

Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp., Baltimore, Md.

HOWARD, P. M., assoc. psychiat.; acting c. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939
McLean Hosp., Waverley

HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough

Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset

Howland, J. B., *W.S.* 1897
657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield

Hubbard, E., Jr., *W.M.* 1921
29 Highland, Cambridge

Huber, W. M., r.p. *D.* 1937
Vanderbilt Clinic, Presbyterian Med. Center, New York, N. Y.

Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932
234 Marlborough

HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.

HUGGINS, C. E., a.r.s. (*S.* 1953) M. G. H.

Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg., Denver, Colo.

Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital, Basel, Switzerland

Hummel, L. E., *Path.* 1932
135 Linwood Ave., Buffalo, N. Y.

Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon

Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.

HUNTER, F. T., clin. path. and assoc. p. (*W.M.* 1926) M. G. H.

Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.

HUNTINGTON, B. L., a. *M.* (*W. M.* 1940)
John Hancock Mut. Life Ins. Co.

Huntington, J. L., *S.S.* 1908
River Dr., Hadley

Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927
605 Commonwealth Ave.

HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy

Huston, L. L., *Or.* 1937
67 Converse, Longmeadow

Hyatt, G. T., *W.S.* 1931 and *Or.* 1934 412 S. E. 4th, Evansville, Ind.

Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K, Denmark

Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd., Los Angeles, Calif.

Ingalls, T. H., r.p. *C.M.* 1938
St. Mark's Sch., Southboro

INGERSOLL, F. M., a.s. (*W.S.* 1939); a.r.s. 1942 264 Beacon

Irving, F. C., *W.S.* 1911
2 N. Pine Circle,
Belleair, Clearwater, Fla.
Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health
Isselbacher, K. J., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.
Ives, L. M., r.p. *Psychiat.* (*McL.*)
1933 45 Clapboardtree, Westwood
Jackson, A. M., *W.S.* 1917
512 Broadway, Everett
JACKSON, B. B., a.r.s. (*S.* 1953)
M. G. H.
Jackson, G. H., Jr., *Or.* 1919
855 Hinman Ave., Evanston, Ill.
Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.
JACOBSON, B. M., assoc. p.
422 Beacon
James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.
James, W. J., r.s. *N. S.* 1949
U. S. Naval Hosp., Chelsea
Javid, M., r.s. *N.S.* 1952
Univ. of Wisconsin Hosp.,
Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.*
M. G. H.
Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio
Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.
Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.
JESSNER, LUCIE J., psychiat.; r.p.
Psychiat. (*McL.*) 1939 M. G. H.
Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.
JOHNSON, CARL C., a.s. *Oph.*
5 Bay State Rd.
JOHNSON, CHARLES I., s. *Otolar.*
403 Commonwealth Ave.
Johnson, F. G., *Dn.* 1943
26 Washington, Eastport, Maine
Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester
Johnson, Louis G., *Path.* 1940 and
E.M. 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada
Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.
Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine
Johnson, P. R., *Path.* 1936
678 Farmington Ave.,
W. Hartford, Conn.
JOHNSON, SALLY, dir. emeritus
S.N. and *Nurs. Serv.* (*S.N.* 1910)
2 Brimmer
JOHNSON, V. S., a.r.s. *Or.* M. G. H.
Johnston, E. V., *W.S.* 1947
1404 4th, S.E., Rochester, Minn.
Jones, B. B., *E.M.* 1918 and *C.M.* 1919
1004 W. Franklin, Richmond, Va.
JONES, C. M., p. (*E.M.* 1919); h.p.
E.M. 1921 M. G. H.
Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
520 Security Bldg., Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, S. G., clin. assoc. *S.* (*W.S.*
1923) 270 Commonwealth Ave.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
JONES, WILLIAM NICHOLAS, a.r.s.
Or. M. G. H.
JONES, WILLIAM NORMAN, a. *Or.*
(*Or.* 1947) 266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929
and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
JOSEPH, A. T., a. *Otolar.* (*Dn.*
1941)
475 Commonwealth Ave.
Joslin, E. P., *W.M.* 1895
81 Bay State Rd.
Judd, J. M., *E.S.* 1944; j.r.s. *E.S.*
1945; r.s. *N.S.* 1946
17 Liberty, Montpelier, Vt.
Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio
JUSTI, R. A., a.r.p. *Path.*
M. G. H.
KAHN, D., a. path.; r.p. *Path.* 1950
M. G. H.
KALIL, F. H., a.dn.s. (*Dn.* 1943)
814 Elm, Manchester, N. H.
Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.
KANE, L. W., a. *M.* (*W.M.* 1941)
205 Beacon
KAPLAN, S., clin. assoc. *Psychiat.*
38 Hyde, Newton Highlands
KATZ, S. L., a.r.p. *C.M.* M. G. H.
Kaufman, M. R., r.p. *Psychiat.* (*McL.*)
1933 253 Marsh, Belmont
Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester
KAZANJIAN, K. A., a. *Otolar.*; r.p.
D. 1933
475 Commonwealth Ave.
KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.

KEARSLEY, R. B., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Keats, A. S., a.r.p. *An.* 1951
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938 103 S. Hamilton, Poughkeepsie, N. Y.
Keiser, R. P., *Or.* 1942
Coral Gables Clinic, Coral Gables, Fla.
KELEMEN, G., a.s. *Otolar.*
20 Gloucester
KELLEY, RITA M., a. *M.* (*M.* 1947); r.p. 1949 264 Beacon
KELLEY, S. B., acting c. *U.* (*E.S.* 1931); r.s. *U.* 1933
412 Beacon
KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.
Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio
Kennard, H. E., *W.S.* 1934
1180 Beacon, Brookline
Kennedy, B. J., *M.* 1946; r.p. 1952
Univ. of Minnesota Med. Sch., Minneapolis, Minn.
Kennedy, H., *C.M.* 1921
2250 Highland Ave., Birmingham, Ala.
KENNEDY, J. H., a.r.s. (*S.* 1950) M. G. H.
Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr., Rochester, N. Y.
KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.
Kernan, R. D., *Path.* 1945
98 Adams, Milton
KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
264 Beacon
Kerr, William J., *W.M.* 1916
Box B, Blue Lake, Humboldt County, Calif.
KERRIGAN, G. A., a. *C.M.* (*C.M.* 1950); c.r.p. *C.M.* 1952 M. G. H.
Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont
KETCHUM, P., *Trustee* and *Vice-President of the Corporation*
294 Washington
KETCHUM, W. F., a.p. *C.M.* (*C.M.* 1948) New Eng. Mut. Life Ins. Co.
Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931 Norwich State Hosp., Norwich, Conn.
Keuper, C. S., r.p. *D.* 1951
Schulenburg, Tex.
Key, J. A., *Or.* 1921
4952 Maryland Ave., St. Louis, Mo.
Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.
Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah
Kiely, B., *M.* 1952
Johns Hopkins Hosp., Baltimore, Md.
Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester
Kilgore, A. R., *W.M.* 1914
490 Post, San Francisco, Calif.
Kimberly, C. H., r.p. *N.* 1929
Stockbridge
Kind, H. A., *C.M.* 1935
Tilton Gen. Hosp., Fort Dix, N. J.
KING, D. S., *Bd. of Cons.* (*E.M.* 1920) Hitchcock Clinic, Hanover, N. H.
KING, M. J., s. *Oph.*
1180 Beacon, Brookline
King, R. B., *E.M.* 1927; r.p. *E.M.* 1928 203 Commonwealth Ave.
KING, W. B., Jr., a.r.p. *Path.* M. G. H.
Kingman, L. C., *W.S.* 1905
76 Waterman, Providence, R. I.
Kinney, R. J., a.r.p. 1943
Santa Fe Hosp., Topeka, Kan.
Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester
Kinsey, Dera, a.r.p. 1939
203 Commonwealth Ave.
KIRKWOOD, S. B., assoc. obst. (*W.S.* 1934) 1180 Beacon, Brookline
KITE, O. W., a.dn.s. (*Dn.* 1951)
29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941
221½ Camden Ave., Salisbury, Md.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
KLEAVELAND, R. N., a.r.s. (*S.* 1952) M. G. H.
KLEIN, A., *Bd. of Cons.* 483 Beacon
KNAPP, M. R., a.r.p. *An.* M. G. H.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950
16 Westland Ave.
Kneisel, J. J., *E.M.* 1940
1 Greenridge Ave., White Plains, N. Y.
Knowles, J. H., *M.* 1952; a.r.p. 1953 M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W., Washington, D. C.

Kowalski, H. J., *M.* 1945; a.r.p. 1948
H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
KRANE, S. M., r.p. (*M.* 1952)
M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935
330 Dartmouth
KRAUT, H. L., a.r.p. *D.* M. G. H.
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; *r.p.* 1947
2317 Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946
Welch Emergency Hosp.,
Welch, W. Va.
KRUMBHAAR, G. D., assoc. obst.
203 Commonwealth Ave.
KUBIK, C. S., cons. *N.P.*
330 Dartmouth
Kuhlman, E. G., *C.M.* 1925
Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
116 Livingston Ave.,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KUKRAL, J. J., a.r.p. *An.* M. G. H.
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
1060 Park Ave., New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.
Lamdin, Susanne J., *C.M.* 1953
31 2nd, Hamden, Conn.
Lamont, J. H., sr.r.p. *Psychiat.* (*McL.*) 1951
M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
LANE, C. G., hon. p.
416 Marlborough
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950
St. Paul Island,
Alaska
Larkey, J., *W.S.* 1928
3115 Webster, Oakland, Calif.
LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.
LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham
Lawrence, George H., *W.S.* 1947; a.r.s. 1952
650 N. Woodlawn,
Kirkwood, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
60 Batterymarch
Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.
Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers
LEADBETTER, W. F., clin. assoc. *U.*
New Eng. Center Hosp.
LEAF, A., a.p. (*M.* 1944) M. G. H.
LEAHEY, B. D., assoc. s. *Oph.*
9 Central, Lowell
LeBARON, F. N., sc. res. a. (*McL.*)
McLean Hosp., Waverley
LEDBETTER, BETSY A., a.r.p. *An.*
M. G. H.
LeDONNE, J. E., a. *D.*; r.p. *D.* 1952
286-A Cabot, Beverly
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp.,
Oakland, Calif.
LEES, MARJORIE B., sc. res. a. (*McL.*)
McLean Hosp., Waverley
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
LEIDHOLT, J. D., a. *Or.*; a.r.s. *Or.* 1952
234 Marlborough
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., Denmark
Hill, London, England
LEIGHTON, H. T., a. obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.

LERMAN, J., assoc. p.
370 Commonwealth Ave.
Levek, J. A., *C.M.* 1915
32 Lawrence, Lawrence
LEVENE, M. B., r.p. *R.* M. G. H.
LEVER, W. F., a. d.; a.r.p. *D.* 1938
270 Commonwealth Ave.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg.,
San Francisco, Calif.
LEWIS, D. K., a.s. *Otolar.*
Mass. E. & E. Inf.
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.* 1936 281 State, Springfield
LEWIS, JOSEPH L., a.p. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937
751 Main, Waltham
LEZER, L. R., a.dir. M. G. H.
Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers
Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 Carroll County Health Dept., Westminster, Md.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
LIFVERGREN, SARAH M., exec. a. *B.M.* (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
Main, Wareham
Lincoln, R. C., *Dn.* 1953 H. M. S.
LINDEMANN, E., psychiat.
M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.
LINENTHAL, A. J., assoc.p. *C.M.;* a.r.p. 1944 1265 Beacon, Brookline
Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester
LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline
LIPMANN, F., biochem. *Res. Chem.* M. G. H.
Littlefield, J. W., *M.* 1948; r.p. 1950
10 Cushing, Providence, R. I.
LITTMANN, D., clin. assoc. *M.*
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.
Livingston, W. K., *W.S.* 1922
1020 S. W. Taylor, Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
115 Newbury
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
179 Allyn, Hartford, Conn.
LOCKSLEY, H. B., a.r.s. *N.S.* (*S.* 1950); a.r.s. 1951 M. G. H.
Loeb, R. F., *W.M.* 1920
Presbyterian Hosp., New York, N. Y.
LO-PRESTI, J. J., a. *Oph.*
34½ Beacon
LORENZ, MARIA, a. *Psychiat.;* psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
Loring, R. G., *W.S.* 1896
Colonial Inn Lane, Concord
Lothrop, O. A., *W.S.* 1909
101 Beacon
LOVESEY, B. E., assoc. s. *Otolar.*
76 Bay State Rd.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.
Lowell, J. D., a.r.s. *Or.* 1953
Children's Med. Center
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
703 Asylum Ave., Hartford, Conn.
LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
LUCK, D. J. L., a.r.p. (*M.* 1954) M. G. H.
LUDWIG, A. O., assoc. psychiat. (*E.M.* 1932); r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
M. I. T., Cambridge
Luikart, R. H., *W.S.* 1917
107 S. 17th, Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester

Lund, I., a.r.p. *An.* 1947
Ulleval sykehus,
avd. III, Oslo, Norway

Lunt, L. K., *W.M.* 1916
Double Four Ranch,
Wheatland, Wyo.

LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.

Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.

Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.

Lyons, C., *W.S.* 1933; r.s. 1936
620 S. 20th, Birmingham, Ala.

Lytton, W., r.p. *Psychiat.* (*McL.*) 1937
4500 Olive,
St. Louis, Mo.

Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med.,
Pittsburgh, Pa.

MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.

McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.

MacAusland, A. R., *W.S.* 1911
412 Beacon

McCandless, O. C., *C.M.* 1926
Marion, Kan.

McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch.,
Washington, D. C.

McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.

McCARTHY, P. L., a. *D.*
371 Commonwealth Ave.

McCartin, J. E., *Or.* 1912 877 Beacon

McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.

McClellan, R. R., *W.M.* 1918
200 Rogers, Xenia, Ohio

McClellan, W. S., *W.M.* 1925
Univ. of North Carolina Sch.
of Med., Chapel Hill, N. C.

McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane,
Port Huron, Mich.

McCONNELL, F., a.r.p. *R.* M. G. H.

McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp.,
San Jose, Calif.

McCune, W. S., *W.S.* 1937
2025 Eye, N. W., Washington, D. C.

McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
902 Edmond, St. Joseph, Mo.

MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada

McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine

McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
2065 Adelbert Rd., Cleveland, Ohio

McDERMOTT, W. V., Jr., a. *S.* (*W.S.* 1943); r.s. 1951 M. G. H.

McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.

McDONALD, F. C., assoc. p. *C.M.*
39 Main, Concord

Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine

MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp.,
Richmond, Va.

McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.

McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio

McENEANEY, J. P., a. *Otolar.*
301 Essex, Lawrence

McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.

McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.

McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.

McINTIRE, F. J., Jr., a. *Otolar.*
63 N. Common, Lynn

McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp.,
Baltimore, Md.

McIver, M. A., h.s. *E.S.* 1922
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.

McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull,
Quebec, Canada

McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd.,
Los Angeles, Calif.

McKEIGUE, J. E., a.s. *Otolar.*
520 Commonwealth Ave.

McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.

McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester

MACKIE, R. W., sr.r.s. *N.S.* M. G. H.

MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.

MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada

McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline
McKITTRICK, L. S., cons. v.s. (*W.S.* 1919) 1180 Beacon, Brookline
MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
MacLAUGHLIN, C. H., a. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
Macmillan, A. S., Jr., r.p. *R.* 1953
M. G. H.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.
McNeil, D., *Or.* 1930
1339 44th, Sacramento, Calif.
Macomber, D., *S.S.* 1911
Tide River Farm, Brunswick, Maine
MACOMBER, J. R., *Trustee* and *President of the Corporation* 75 Federal
McPartland, C. E., r.s. *U.* 1927
29 S. Main, W. Hartford, Conn.
McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944
Box 283, Great Neck, Long Island, N. Y.
Mahoney, S. A., *E.S.* 1926
630 Dwight, Holyoke
Maier, J., *E.M.* 1940
Rockefeller Foundation, New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943
103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp., Denver, Colo.
MALCOLM, J. A., a.r.s. (*S.* 1953)
M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952
M. G. H.
Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.
MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.
Manly, I. V., *E.S.* 1947; a.r.s. 1952
North Carolina Memorial Hosp., Chapel Hill, N. C.
Mannick, J. A., *S.* M. G. H.
Marble, A., r.p. *W.M.* 1930
81 Bay State Rd.
MARBLE, H. C., *Bd. of Cons.* (*W.S.* 1912) 270 Commonwealth Ave.
MARCUS, S. M., a. *U.* 520 Beacon
Mark, V. H., sr.r.s. *N.S.* 1953
M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933
15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave., Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927
90½ Gottingen, Halifax, Nova Scotia, Canada
MARSHALL, CLARE K., r.p. *N.*
M. G. H.
Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.
Martin, James A., *W.S.* 1946; r.p. *R.* 1951
3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923
107 S. 17th, Omaha, Nebr.
MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.
Mason, E. D., *M.* 1946
174 Denslow Ave., W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921 151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd., Los Angeles, Calif.
MATHIEU, T. J., r.s. *U.* M. G. H.
Mathis, W. H., Jr., r.p. *R.* 1948
107 E. North, Greenville, S. C.
MATOLTSY, A. G., res. assoc. *D.*
M. G. H.
MATTOS, E. R., a.dir. M. G. H.
Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.
MAY, FLORENCE, exec. a. *B.M.*
M. G. H.
MAY, G. E., a.obst. 101 Bay State Rd.
May, H. L., *S.* M. G. H.
Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford

MAYO, F. B., clin. assoc. *M.* (*E.M.* 1943); a.r.p. 1944
144 Beach Bluff Ave., Swampscott
Mead, S., *E.M.* 1940 and *Path.* 1941; a.r.p. *N.* 1942
Barnes Hosp., St. Louis, Mo.
Meader, C. N., *E.M.* 1912
519 Majestic Bldg., Denver, Colo.
MEANS, J. H., *Bd. of Cons.* (*E.M.* 1913) 60 Mount Vernon
Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge
Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic, Johns Hopkins Hosp., Baltimore, Md.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., c. *Gyn.* (*E.S.* 1921) M. G. H.
Meister, L., *C.M.* 1937
Vet. Adm. Hosp., Long Beach, Calif.
MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.
Mellinger, G. W., *M.* 1947
Box 524, Indianapolis, Ind.
MELTZER, P. E., s. *Otolar.*
20 Charlesgate West
Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp., Kingston, Ontario, Canada
Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.
MERLIS, J. K., clin. assoc. *N.*
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.
MERRILL, O. E., e. *R.* M. G. H.
Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.
Mewburn, F. H. H., *Or.* 1923
416 McLeod Bldg., Edmonton, Alberta, Canada
Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.
Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph, Lyon, France
MICHELSEN, J. J., clin. assoc. *N.S.*; a.r.s. *N.S.* 1938 412 Beacon
Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.
Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944 New York Univ., New York, N. Y.
Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.
Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
Surry, Maine
MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
1265 Beacon, Brookline
MILLER, D., a.s. *Otolar.*
403 Commonwealth Ave.
Miller, E. C., *E.M.* 1926
27 Elm, Worcester
Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Univ. of Chicago, Chicago, Ill.
MILLER, JULE P., Jr., a.r.p. *Psychiat.* M. G. H.
MILLER, L. C., Jr., a. psychol. M. G. H.
Miller, M. L., *E.M.* 1932
Vet. Adm. Hosp., Brentwood, Los Angeles, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
Slocum-Dickson Clinic, Utica, N. Y.
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd., Los Angeles, Calif.
MINER, L. M. S., hon. s.
363 Marlborough
MINER, R. L., a.dn.s.
363 Marlborough
MING, SI-CHUN, a.r.p. *Path.* M. G. H.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
MISRA, S. C., cons. *S.* pro tempore M. G. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MIXTER, W. J., hon. s.; cons. s. (*McL.*) (*S.S.* 1907) Woods Hole
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONKS, J. P., a.p. (*W.M.* 1931)
13 Holyoke, Cambridge
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
Moore, B. E., r.p. *Psychiat.* 1942
1148 5th Ave., New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, G. A., *W.S.* 1911
167 Newbury, Brockton
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* M. G. H.
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s. 1949 431 30th, Oakland, Calif.
MORA, F., a.r.s. *N.S.* (*M.* 1951); a.r.s. 1953 M. G. H.
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
MORGAN, WILLIAM L., Jr., r.p. (*M.* 1953) M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951 M. G. H.
Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947 Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
520 Commonwealth Ave.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939 370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936 230 N. 5th, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912 Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.
Mosher, Harris P., *E.S.* 1897
127 Front, Marblehead
MOSHER, HENRY A., a.s. *Oph.*
71 Bay State Rd.
Mote, J. R., *W.M.* 1937
Chemical Specialties Co., Inc.,
22 E. 40th, New York, N. Y.
MOYER, D. LaR., a.r.p. *Path.*
M. G. H.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
Mudd, Stuart H., *M.* M. G. H.
MUELLER, H. PETER, clin. assoc. *R.* M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Mosher Lab.*
Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947
144 Golden Hill, Bridgeport, Conn.
Müller, A. F., a.r.p. 1953
Hôpital Cantonal,
Univ. of Geneva,
Geneva, Switzerland
Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.
MURPHY, G. B., a.r.s. (*S.* 1952) M. G. H.
MURPHY, H. J., a. dir. M. G. H.
MURRAY, D. B., a.r.p. *Path.* M. G. H.
MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Myers, E. E., *Or.* 1933
271 W. Short, Lexington, Ky.
MYERS, G. S., a.p. (*W.M.* 1942); c.r.p. 1943 M. G. H.
NARDI, G. L., a. *S.* (*E.S.* 1945); r.s. 1951 M. G. H.
NATHAN, L., a. *Or.* (*Or.* 1930)
475 Commonwealth Ave.
NATHANSON, I. T., assoc. v.s.
M. G. H.
Nelson, C., *E.S.* 1939 490 Post,
San Francisco, Calif.
NELSON, R. M., a.r.s. M. G. H.
Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash.
NEMIAH, J. C., a. psychiat.; a.r.p. *Psychiat.* 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
Newburgh, L. H., *W.M.* 1909
University Hosp., Ann Arbor, Mich.
Newell, James W., *W.S.*, 1943; j.r.s. 1944 29 Glen Alpine Rd.,
Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn

Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd., Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
Pennsylvania Hosp., Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park, Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953
1302 Haupt Ave., Richland, Wash.
Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
Norbury, F. B., *M.* 1949
Barnes Hosp., St. Louis, Mo.
Norcross, J. W., *E.M.* 1937
29 Nod Hill Rd., Newton Highlands
Normann, N., a.r.p. *An.* 1951
M. G. H.
NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934
1101 Beacon, Brookline
NOSS, G. M., a.dn.s.
31 Bay State Rd.
O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon
O'Brien, R. M., *Or.* 1941
4161 Lindell Blvd., St. Louis, Mo.
O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med., New Haven, Conn.
O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
ODLAND, G. F., a.r.p. *D.* (*M.* 1947)
M. G. H.
OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.
Ogden, R. T., *C.M.* 1925
179 Allyn, Hartford, Conn.
OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.
O'KEEFE, E. S., *Bd. of Cons.*
31 Broad, Lynn
O'Keeffe, A. F., a.r.s. 1951
410 South, Needham
OLIN, M. J., a. dn. s.
29 Commonwealth Ave.
Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.
Organick, A. B., *M.* 1952; a.r.p. 1953
New York Hosp., New York, N. Y.
Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington, D. C.
Orski, Barbara M., *C.M.* M. G. H.
Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.
Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.
OSGOOD, R. B., hon. s. (*W.S.* 1900) 38 Chestnut
O'SHEA, J. A., clin. assoc. *C.M.*; a.r.p. *C.M.* 1950 11 William, Andover
Osius, E. A., *W.M.* 1923
901 David Whitney Bldg., Detroit, Mich.
Ottenheimer, E. J., *E.S.* 1924
29 North, Willimantic, Conn.
OUCHTERLONY, O. T. G., v. b. pro tempore M. G. H.
Owen, W. R., *M.* 1950; r.p. 1952
National Heart Inst., National Inst. of Health, Bethesda, Md.
Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave., Oakland, Calif.
PACKARD, F. H., supt. emeritus (*McL.*) 25 Gregory, Marblehead
Packard, G. B., *E.S.* 1916; h.s. *E.S.* 1917 227 16th, Denver, Colo.
Page, L. B., *M.* 1950
323 Main, W. Newbury
PALMER, R. S., p. (*W.M.* 1927)
330 Dartmouth
Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.
Parker, G. D., *Dn.* 1939
138 Adams, Monte Vista, Colo.
Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills
Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine
Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly
Parmenter, D. C., *E.M.* 1918
Dyer County Health Dept., Dyersburg, Tenn.
Parnall, E., *Or.* 1932
702 E. Central Ave., Albuquerque, N. M.
Parson, W., c.r.p. 1942
Univ. of Virginia, University, Va.
Parsons, J. P., h.p. *C.M.* 1921
808 Grand Marais Blvd., Grosse Point Park, Mich.
PARSONS, L., *Bd. of Cons.* (*W.S.* 1929) 203 Commonwealth Ave

Patterson, H. E., a.r.p. *C.M.* 1952
1111 W. Yakima Ave., Yakima, Wash.
Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.
Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920
63 E. 91st, New York, N. Y.
Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave., Madison, Wis.
Paul, O., *W.M.* 1943
122 S. Michigan Ave., Chicago, Ill.
Peabody, C. W., *E.S.* 1917 and *Or.* 1920
474 Fisher Bldg., Detroit, Mich.
Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.
Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill, Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948
605 Commonwealth Ave.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942
Memorial Hosp., New York, N. Y.
Pechet, M. M., a.r.p. 1952
National Heart Inst., National Inst. of Health, Bethesda, Md.
Peebles, T. C., *C.M.* 1952; a.r.p. *C.M.* 1953
Children's Med. Center
Peete, W. P. J., *S.* 1948; r.s. 1953
M. G. H.
Peirson, E. L., *W.S.* 1927; r.s. *U.* 1928
374 Essex, Salem
Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah
Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.
Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.
Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.
PERLO, V. P., a.n. 412 Beacon
PERRIN, G. M., a.r.p. *C.M.* (*C.M.* 1953)
M. G. H.
Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland
Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Hosp., Durham, N. C.
Peters, J. H., *W.M.* 1943
U.S. Vet. Adm. Hosp., Atlanta, Ga.
PETERSEN, J. A., a.r.p. *R.* M. G. H.
Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.
Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester
PETRANEK, J. R., a.r.p. (*M.* 1954)
M. G. H.
PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley
Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.
Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
319 Longwood Ave.
Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem
PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947
42 Fox, Fitchburg
Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.
PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon
Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.
Pierce, F. D., r.p. *W.M.* 1931
Fort Lauderdale, Fla.
PIERCE, IRENE R., psychol. (*McL.*)
McLean Hosp., Waverley
Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.
Pillsbury, P. I., *W.M.* 1942
Ross, Calif.
Pinckney, M. M., *W.M.* 1932
116 E. Franklin, Richmond, Va.
PIPPITT, R. B., a. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
99 Bay State Rd.
Pitkin, H. C., *Or.* 1926
909 Hyde, San Francisco, Calif.
PITT-RIVERS, ROSALIND V., v. biochem. *Res. Chem.* M. G. H.
PITTMAN, HELEN S., assoc. p.
264 Beacon
PITTMAN, J. A., Jr., r.p. (*M.* 1953)
M. G. H.
PITTS, J. D., a.r.s. (*S.* 1950)
M. G. H.
Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio
PLACE, E. H., cons. *Contag. Dis.*
Boston City Hosp.
Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.
POINT, W.W., a. *M.*
330 Dartmouth
POLANSKY, S. C., a.dn.s.
60 Washington, Salem

Polderman, H., *An.* 1941
Waverly Hills Sanatorium, Waverly Hills, Ky.
POLLEN, A., a.s. *Oph.* 636 Beacon
PONTOPPIDAN, H., a.r.p. *An.* M. G. H.
POPE, A., sc. res. assoc. *N.P.* (*McL.*) Longwood Towers
PORTER, H., a. *N.*; sc. res. a. (*McL.*); r. p. *N.* 1946
McLean Hosp., Waverley
POTSAID, M. S., a.r.p. *R.* M. G. H.
POULIN, F. K., a.dn.s. (*Dn.* 1942) 196 Marlborough
Powell, S. M., Jr., a.r.p. *C.M.* 1947
2021 Austin Ave., Waco, Tex.
Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline
Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline
Prindle, K. H., *N.* 1926 and *W.S.* 1928 23 2nd Ave., San Mateo, Calif.
Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937
743 High, Dedham
Putnam, J. J., *C.M.* 1920
28 School, Foxboro
Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr., Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.
QUARTON, G. C., a. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950 M. G. H.
QUINBY, J. T., a. *M.* (*E.M.* 1941) 264 Beacon
QUINBY, W. C., Jr., a. *S.*; r.s. 1950 264 Beacon
Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.
RACKEMANN, F. M., *Bd. of Cons.* (*E.M.* 1914) 263 Beacon
Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst
RADEBAUGH, J. F., Jr., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.
RAE, R. G., dn.s.
145 W. Elm, Brockton
Ragland, S., Jr., *M.* 1951; a.r.p. 1952 M. G. H.
RAGLE, B. H., *Bd. of Cons.* (*E.M.* 1917) 226 Marlborough
RAK, I. P., a. *Psychiat.* 422 Beacon
RAKER, J. W., a. *S.* (*E.S.* 1942); r.s. 1949 M. G. H.
RAMCHARAN, SAVITRI, a.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Randall, R. V., *M.* 1946
Mayo Clinic, Rochester, Minn.
Rappleye, W. C., *W.M.* 1919
630 W. 168th, New York, N. Y.
RASMUSSEN, H., a.r.p. (*M.* 1953) M. G. H.
RASMUSSEN, JANE S., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Ratcliffe, J. W., *W.S.* 1946
111 St. Matthews Ave., San Mateo, Calif.
Rauh, A. E., *C.M.* 1936 Lyons, N. Y.
Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.
REBELLO, D. J. A., a.r.p. *D.* M. G. H.
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough
Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.
REED, G. F., a. *Otolar.* Mass. E. & E. Inf.
Reeves, J. D., Jr., r.p. *R.* 1951
Lab. of Biophysics, National Cancer Inst., Bethesda, Md.
Reeves, R. J., r.p. *R.* 1926
Duke Hosp., Durham, N. C.
REGAN, C. D., a. *Oph.*
520 Commonwealth Ave.
REGGIO, A. W., *Bd. of Cons.* (*W.S.* 1914) School, Medfield
Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.
REIDY, J. A., a.s. *Or.* (*Or.* 1939) 1101 Beacon, Brookline
Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.
Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield
REZNICK, L., r.p. *D.* M. G. H.
Rhinelander, F. W., II, *E.S.* 1937 and *Or.* 1938
1717 5th, San Rafael, Calif.
RHODES, F. I., a.dn.s.
1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.
Rice, A. H., *E.S.* 1905
901 5th Ave., New York, N. Y.
Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.

Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnell Rd., Berkeley, Calif.

RICHARDSON, E. P., Jr., a.n. and a.n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.

RICHARDSON, G. S., r.s. (*W.S.* 1947) M. G. H.

RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.

Richardson, William R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd., Birmingham, Ala.

Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.

Riege, D. H., *C.M.* 1947
1711-15 Roosevelt Ave., San Antonio, Tex.

RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.

Riley, A., *S.S.* 1909
59 Bay State Rd.

Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine

Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly

RITCHIE, A. C., a.r.p. *Path.* M. G. H.

ROBBINS, L. L., c. *R.*; r.p. *R.* 1941 M. G. H.

Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave., Englewood, N. J.

Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.

Robertson, O. H., *W.M.* 1914
Univ. of Chicago, Chicago, Ill.

Robey, J. S., *C.M.* 1953
Tacoma Indian Hosp., Tacoma, Wash.

Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med., St. Louis, Mo.

Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine

Robinson, J. M., r.p. *R.* 1936
Univ. of California Hosp., San Francisco, Calif.

ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
32 Cumberland Ave., Brookline

Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg., Portland, Oreg.

ROCKWOOD, ETHEL M., *Bd. of Cons.* 416 Marlborough

Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg., Minneapolis, Minn.

RODKEY, G. V., a. *S.* (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon

Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.

Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton

ROGERS, H., v.s. (*E.S.* 1925)
264 Beacon

Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
109 College, New Haven, Conn.

ROGERS, WILLIAM A., *Bd. of Cons.* (*Or.* 1924) 266 Beacon

ROGERS, WILLIAM P., Jr., a. *Otolar.*
82 Broadway, Taunton

ROMBERG, E. C., *Bd. of Cons.*; h.p. *C.M.* 1922 68 Bay State Rd.

ROOPENIAN, A., a.s. *Otolar.*
475 Commonwealth Ave.

Roots, L. H., *W.S.* 1933
Hua Chung College, Hsichow, China

ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.

ROSALES, REMEDIOS K., a.r.p. *Path.*; r.p. *N.P.* 1952 M. G. H.

Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California Med. Center, Los Angeles, Calif.

ROSEN, R. B., a.r.p. *C.M.* (*C.M.* 1953) M. G. H.

Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp., Cincinnati, Ohio

Rosenkrantz, J. G., *S.* M. G. H.

Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
450 Sutter, San Francisco, Calif.

ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge

Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.

Roth, J. d'A., *M.* 1945
Regional Hosp., SHAAF, Salvia, Kan.

ROTHBERG, H. D., Jr., a.r.p. (*M.* 1954) M. G. H.

ROTHFELD, L. J., a.r.p. *An.* M. G. H.

ROUILLARD, F., a. obst.
319 Longwood Ave.

ROUNDS, C. E., a.dn.s. (*Dn.* 1947)
403 Commonwealth Ave.

ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.

ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon

Rowe, J. C., *M.* 1952; a.r.p. 1953
619 Washington Ave.,
Dunkirk, N. Y.
Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.
RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.
RUBINSTEIN, J. H., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.
Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.
Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.
RUNGE, P. M., a. *Oph.*
140 Marlborough
Rupp, J. J., a.r.p. *An.* 1947
Tucson Med. Centre,
Tucson, Ariz.
Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.
RUSSELL, P. S., Jr., a.r.s. (*S.* 1949) M. G. H.
Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.
Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave.,
Newton Centre
RUTLEDGE, R. H., a.r.s. (*S.* 1950) M. G. H.
RUTSTEIN, D. D., assoc. p.
H. M. S.
Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.
Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.
Ryan, J. P., *Dn.* 1953 211 6th,
Mechanicville, N. Y.
RYAN, K. J., a.r.p. (*M.* 1953) M. G. H.
RYAN, MILDRED L., a.d.
57 W. Elm, Brockton
Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.
SACHS, B., s. *Oph.* 636 Beacon
Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.
St. Aubin, P. M. G., *M.* 1948; r.p. *R.* 1953 M. G. H.
St. Goar, W. T., *M.* 1950; r.p. 1952
H. M. S.
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34,
Bogotá, Colombia
Saltus, L. S., *C.M.* 1938
16 Elm, Morristown, N. J.
Salzman, E. W., *S.* M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg.,
Ardmore, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
Sanchez, G. C., *M.* 1950; a.r.p. 1951
Mass. Memorial Hosp.
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly,
Paris, France
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave.,
Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Yale Psychiat. Clinic,
New Haven, Conn.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
Saslow, G., r.p. *Psychiat.* 1943
Washington Univ. Sch. of Med.,
St. Louis, Mo.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg.,
Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., a.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., a. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953 109 N. Main,
Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave.,
Newark, N. J.
SCHALL, L. A., c. *Otolar.*
Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a. *Oph.*
Mass. E. & E. Inf.
SCHMID, K., a. biochem. *M.* M. G. H.
SCHMITT, F. O., *Trustee*
M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.

Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
SCHOEN, E. J., a.r.p. *C.M.* M. G. H.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center
SCHWAB, R. S., n.; r.p. *N.* 1935 M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med., Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway, St. Paul, Minn.
Scott, A. C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.* M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W., Canton, Ohio
Scott, T., r.p. 1939
418 W. 3rd, Lexington, Ky.
SCULLY, R. E., a. path. M. G. H.
Seabury, R. B., *W.S.* 1918
315 Whitney Ave., New Haven, Conn.
SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.
Sears, J. B., *W.S.* 1929
416 Marlborough
Seed, J. C., *M.* 1946
Sterling Winthrop Research Inst., Rensselaer, N. Y.
Seelye, R. H., *E.S.* 1891
131 Crescent Rd., Longmeadow
Seelye, W. C., *W.S.* 1900
390 Main, Worcester
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.
SELVERSTONE, B., clin. assoc. *N.S.*; r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938
196 Trapelo Rd., Belmont
SENECAL, A. L., a. *Otolar.*
1 Monument Sq., Beverly
Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
University Coll. Hosp. Med. Sch., London W. C., England
SEWALL, W. F., a. obst.
466 Commonwealth Ave.
SEYFARTH, H. B. F., a.dn.s.
464 Beacon
SHAFFER, F. G., r.s. *U.* (*S.* 1952); a.r.s. 1954 M. G. H.
Shaffer, H. A., a.r.p. *R.* 1932
244 Lebanon Ave., Hopecrest, Morgantown, W. Va.
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South, St. Catharines, Ontario, Canada
Shannon, James M., *S.* 1948; a.r.s. 1953
Grace-New Haven Community Hosp., New Haven, Conn.
Shannon, P. W., *Or.* 1934
1927 1st Ave., North, Birmingham, Ala.
SHARPE, J. D., assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Waverley
SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.
Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.
Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.
Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937
899 Madison Ave., Memphis, Tenn.
SHAW, R. S., a. *S.* and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952 M. G. H.
Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline
Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.
SHELDON, C. P., assoc. obst. (*E.S.* 1931)
319 Longwood Ave.
SHELDON, D. B., a.r.s. (*S.* 1951) M. G. H.
SHELDON, R. F., *Bd. of Cons.* (*E.S.* 1912)
31 Pinckney
SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.
Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.
Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill

Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.
Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton
SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
Sch. of Med., Dept. of Surg.,
American Univ. of Beirut,
Beirut, Lebanon, Syria
SHORT, C. L., assoc. p. (*W.M.* 1930); c.r.p. 1933 264 Beacon
SHRIBER, W. J., a. *M.* and a. *Phys. M.* Beth Israel Hosp.
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
SIFNEOS, P. E., a. *Psychiat.;* assoc. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1952
M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.
SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland City Hosp.,
Cleveland, Ohio
SIMMONS, F. A., a.s. (*W.S.* 1935)
330 Dartmouth
Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.
Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.
Singh, M. M., *M.* 1952; a.r.p. 1953
Gaya, Bihar, India
SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline
SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912) 319 Longwood Ave.
Skinner, A. L., Jr., *C.M.* 1953
Children's Orthopedic Hosp.,
Seattle, Wash.
Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston
Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.
SLEEPER, E. L., dn.s.
25 Bay State Rd.
SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., clin. assoc. *C.M.* 400 Commercial,
E. Braintree
SLOANE, A. E., a.s. *Oph.*
416 Marlborough
Sloane, R. B., r.p. *Psychiat.* 1953
M. G. H.
SLOANE-STANLEY, G. H., sc. res. a. (*McL.*) McLean Hosp., Waverley
Smillie, J. W., *E.S.* 1944; j.r.s. 1945
Vet. Adm. Hosp., Ann Arbor, Mich.
SMITH, CLEMENT A., cons. *C.M.*
221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934
339 N. Duke, Lancaster, Pa.
Smith, Edward T., *Or.* 1937
6410 Fannin,
Houston, Tex.
SMITH, G. G., hon. s. (*W.S.* 1909)
1101 Beacon, Brookline
Smith, Hervey L., *W.M.* 1907
235 Queens Lane,
Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.
SMITH, J. A., obst.
1180 Beacon, Brookline
Smith, Lemuel D., *Or.* 1923
2454 W. Kilbourn Ave.,
Milwaukee, Wis.
Smith, Lloyd H., Jr., *M.* 1949; a.r.p. 1950
Public Health Research Inst.,
New York, N. Y.
Smith, M. L., a.r.p. *An.* 1951
Vanderbilt Univ. Hosp.,
Nashville, Tenn.
Smith, Richard M., *W.M.* 1909
330 Dartmouth
Smith, Robert P., *M.* 1943
195 S. Union, Burlington, Vt.
SMITH, T. R., a. *Oph.*
Mass. E. & E. Inf.
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon,
Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough
SMITH-PETERSEN, M., a. *Or.;* sr. r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.
SNEDDON, E. A., a. *An.* and r.p. *An.*
M. G. H.
SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester
Snyder, J. C., *W.M.* 1939
Harvard Sch. of Public Health,
695 Huntington Ave.
Snyder, Monica H., r.p. *An.* 1935
10879 Whipple,
N. Hollywood, Calif.

Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.
Sober, S., a.r.s. *Or.* 1953 Shriners Hosp. for Crippled Children, Montreal, Canada
Sohier, W. D., Jr., *M.* 1947; r.p. 1951 M. G. H.
Soholt, S. T., sr.r.s. *Or.* 1951 115 Duane, Redwood City, Calif.
SOLOMON, H. C., *Bd. of Cons.;* cons. psychiat. (*McL.*) Boston Psychopathic Hosp.
Solomon, J., r.p. *N.* 1944 2331 W. 3rd, Los Angeles, Calif.
SOODAK, M., a. biochem. *M.* M. G. H.
Sosman, J. L., a.r.p. *R.* 1952 Children's Med. Center
Soule, A. B., Jr., a.r.p. *R.* 1932 Mary Fletcher Hosp., Burlington, Vt.
SOUTTER, L., clin. assoc. *S.;* a.r.s. 1941 203 Commonwealth Ave.
SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918 Cumberland Centre, Maine
Spalding, R., *E.M.* 1902 Longwood Towers, Brookline
SPANGLER, A. S., a. *D.;* r.p. *D.* 1945 330 Dartmouth
Spangler, P. E., *W.S.* 1925 2747 S. W. Roswell Ave., Portland, Oreg.
Spear, L. M., *E.M.* 1906 483 Beacon
SPEARE, G. S., clin. assoc. *S.* (*W.S.* 1927) 353 Commonwealth Ave.
SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926) 1101 Beacon, Brookline
Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak, Dallas, Tex.
Spencer, Jack, r.p. *R.* 1934 31 Deering, Portland, Maine
Spencer, John R., *E.M.* 1943 2280 Clermont, Denver, Colo.
Spencer, R. E., a.r.p. *An.* 1951 Moses H. Cone Memorial Hosp., Greensboro, N. C.
SPHIRE, R. D., a.r.p. *An.* M. G. H.
Spiers, H. W., *Or.* 1920 4405 W. 9th, N. Hollywood, Calif.
SPIRO, D., a. *Path.* M. G. H.
Splithoff, C. A., *Or.* 1942 3406 Webster, Oakland, Calif.
Sporer, Edita Sternova, *An.* 1942 459 Park Ave., Paterson, N. J.
Sprague, Elizabeth H., *C.M.* 1953 New York Hosp., New York, N. Y.
SPRAGUE, H. B., p. (*E.M.* 1924) 1180 Beacon, Brookline
Squire, Lucy F., a.r.p. *R.* 1944 Gen. Hosp. of Syracuse, Syracuse, N. Y.
Stall, B. G., III, *M.* 1947; r.p. 1949 Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
STANBURY, J. B., a.p. (*W.M.* 1941); c.r.p. 1948 M. G. H.
STANTON, J. C., dn.s. 38 Maple, Danvers
Staples, O. S., Jr., *Or.* 1938 Hitchcock Clinic, Hanover, N. H.
Starr, I., *W.M.* 1922 Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.
STAUFFER, RUTH E., a. *N.;* r.p. *N.* 1949 M. G. H.
Stearns, T., *E.S.* 1913 and *Or.* 1914 318 S. Harrison, E. Orange, N. J.
STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem
Steel, D., r.p. *R.* 1925 7911 Detroit Ave., Cleveland, Ohio
Steele, B. W., Jr., a.r.s. 1952 1307 S. Main, Tulsa, Okla.
Steenburg, D. B., *E.S.* 1915 Aurora, Nebr.
Steenburg, E. K., *E.S.* 1919 Aurora, Nebr.
STENGER, R. J., a.r.p. *Path.* M. G. H.
STEPHAN, W. K., a.r.p. *An.* M. G. H.
Stephens, W. A., *Or.* 1943 Pasteur Med. Bldg., St. Louis, Mo.
Stern, N. S., *E.M.* 1917 899 Madison Ave., Memphis, Tenn.
STERNSTEIN, H. J., assoc. s. *Otolar.* 416 Marlborough
Stetson, J. B., a.r.p. *An.* 1953 Lowell Gen. Hosp., Lowell
Stetson, R. P., *W.M.* 1928 311 Beacon
Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916 105 William, New Bedford
Stevens, Horace P., *W.S.* 1907 985 Memorial Dr., Cambridge
Stewart, James M., *M.* 1946 344 West Ave., Rochester, N. Y.

Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.
Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.
Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.
Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly
Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.
Stiff, D. W. S., r.p. *R.* 1950
Williston, Vt.
Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine
Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave., Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
STOKES, J., III, r.p. M. G. H.
STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline
STONE, BERNARD B., a.r.s. *N.S.* M. G. H.
STONE, W., Jr., a. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave., N. Hollywood, Calif.; 4849 Van Nuys Blvd., Van Nuys, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953 Vet. Adm. Hosp., Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
539 N. Grand Ave., St. Louis, Mo.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
STROM, J. O., r.p. *N.P.* M. G. H.
Stunkard, A. J., *M.* 1946
Johns Hopkins Hosp., Baltimore, Md.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg., Grand Rapids, Mich.
SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline
Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., a.s. *Oph.*
101 Bay State Rd.
Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave., New York, N. Y.
Sussman, M. L., r.p. *R.* 1930
801 N. 2nd Ave., Phoenix, Ariz.
Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene, 2218 N. Charles, Baltimore, Md.
Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 923 W. Franklin, Richmond, Va.
Sutter, L. A., *D.* 1913
104 W. Douglas Ave., Wichita, Kan.
SUYAMA, E., a.r.s. (*S.* 1951) M. G. H.
SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.
Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell
SWAN, CHANNING S., a. *U.* (*W.S.* 1925) 20 Gloucester
Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester
SWARTZ, J. H., *Bd. of Cons.*
464 Commonwealth Ave.
SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn
Swartz, Morton N., *M.* 1948; c.r.p. 1953 McCollum Pratt Inst., Johns Hopkins Hosp., Baltimore, Md.
Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic, Detroit, Mich.
Sweet, C. D., *C.M.* 1913
2940 Summit, Oakland, Calif.
SWEET, E. B., a.r.s. *Or.* M. G. H.
SWEET, P. L., a.dn.s. (*Dn.* 1949); a.r.s. *Dn.* 1950 45 Chambers
SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 205 Beacon

Sweet, Robert B., a.r.p. *An.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.
SWEET, W. H., assoc.v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.
SWEETNAM, G. H., a.dn.s. (*Dn.* 1937) 743 High, Dedham
SWEETSER, E. H., clin. assoc. *Psychiat.* 23 Bay State Rd.
Swineford, O., Jr., *W.M.* 1927
Univ. of Virginia Hosp.,
Charlottesville, Va.
Sycamore, L. K., a.r.p. *R.* 1929
Mary Hitchcock Memorial Hosp.,
Hanover, N. H.
Tabor, Celia White, *M.* 1945
3130 Wisconsin Ave., N. W.,
Washington, D. C.
TAFT, E. B., a. path. M. G. H.
Talalay, P., *S.* 1949; a.r.s. 1950
Univ. of Chicago, Chicago, Ill.
Talbert, R., r.p. *N.* 1953 M. G. H.
TALBOT, F. B., hon. p. (*E.M.* 1907)
24 Cottage Farm Rd., Brookline
TALBOT, N. B., p. *C.M.* M. G. H.
Talin, J. J., *Or.* 1943
39 2nd, Troy, N. Y.
TALKOV, R. H., a. *M.*
375 Commonwealth Ave.
Tallon, J. B., a.r.p. *R.* 1953
Herbert Reddy Memorial Hosp.,
Montreal, Canada
Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939
1010 Prince Ave., Athens, Ga.
T'an, Chung-Chang, *Or.* 1943
Children's Hosp.,
New York, N. Y.
TANNER, J. B., sr.r.s. *Or.*
M. G. H.
Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 Goodspeed Bldg.,
Ionia, Mich.
Tatlock, H., *W.M.* 1940
26 Center, Northampton
TAYLOR, G. W., v.s. (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925
264 Beacon
Taylor, I. M., *M.* 1946; c.r.p. 1951
North Carolina Memorial Hosp.,
Chapel Hill, N. C.
Taylor, J. H., *E.M.* 1917
37 Marlborough
Teel, C. E., *W.S.* 1925
1155 State, Bellingham, Wash.
TEFFT, R. C., Jr., assoc. p. *C.M.*
266 Beacon
TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943
611 W. 114th, New York, N. Y.
TETIRICK, J. E., a.r.s. (*S.* 1952)
M. G. H.
Thacher, H. C., *C.M.* 1942
11 Turner, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave.,
Bronxville, N. Y.
Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine
Theus, W. W., *Dn.* 1952
1019 Pickens, Columbia, S. C.
THOMA, K. H., hon. s.
1180 Beacon, Brookline
Thomas, H. M., Jr., *W.M.* 1917
314 Overhill, Baltimore, Md.
THOMAS, JACKSON M., clin. assoc. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.
THOMAS, JOHN B., a.r.p. (*M.* 1953)
M. G. H.
Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 Franklin Bldg.,
Oakland, Calif.
Thomas, W. A., a.r.p. *Path.* 1951
Barnes Hosp., St. Louis, Mo.
Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948
Mass. Memorial Hosp.
*Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 98th Gen. Hosp.,
APO 34, c/o Postmaster,
New York, N. Y.
Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress,
Portland, Maine
THOMPSON, RALPH D., a.dn.s.
64 Columbus, Newton Highlands
THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940
26 Chestnut, Salem
Thompson, S. B., a.r.s. *Or.* 1947
Kernan Hosp. for Crippled Children, Baltimore, Md.
Thompson, V. P., *Or.* 1925
1136 W. 6th, Los Angeles, Calif.
Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931
Rockland State Hosp.,
Orangeburg, N. Y.
Thompson, William T., a.r.p. 1941
1000 W. Grace, Richmond, Va.
THORNDIKE, A., cons. *Traum. S.* (*W.S.* 1923) 319 Longwood
Thorndike, W. T. S., *W.S.* 1919
Germantown Hosp.,
Germantown, Pa.

*Not in States and Cities section of this Directory

Thorp, E. G., *E.M.* 1931
Malden Hosp., Malden
Tileston, W., *E.M.* 1900
442 Temple, New Haven, Conn.
TILLEY, R. F., a. d. 1180 Beacon, Brookline
TIMBERLAKE, W. H., a. *N.;* r.p. *N.* 1949 20 Gloucester
Tisdale, W. A., *M.* 1952; a.r.p. 1953
Box 69, Route 5, Gainesville, Fla.
Tobin, W. J., *Or.* 1939
1835 Eye, N.W., Washington, D.C.
Todd, B. P., *W.M.* 1938
1 Monument Sq., Beverly
TODD, D. P., assoc. an.; r.p. *An.* 1947 M. G. H.
TOLL, G. D., a.r.s. (*S.* 1952) M. G. H.
TOLMAN, M. M., d. 636 Beacon
TOMCHIK, F. S., a.r.p. *R.* M. G. H.
Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937
Valleyhead, Concord
Toppan, R. L., *S.S.* 1910
148 High, Newburyport
TORBERT, J. R., hon. s. (*E.S.* 1902)
27 Upland Rd., Brookline
TORIELLO, J., a.r.p. *R.* M. G. H.
TOW, P. M., a.r.p. *Psychiat.* M. G. H.
Towery, B. T., r.p. 1946
Vanderbilt Univ., Nashville, Tenn.
TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp.,
White River Junction, Vt.
Tracy, R. J., *E.S.* 1943; a.r.s. 1949
18 Bank Row, Pittsfield
TRAKAS, J. C., a. *Otolar.*
1269 Beacon, Brookline
Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.
Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.
Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.
Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Manchester, Manchester, England
Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.
Tripp, C. C., *W.S.* 1923
416 County, New Bedford
Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.
TROTTER, R. R., a. *Oph.*
Mass. E. & E. Inf.
Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1102 Grand Ave., Kansas City, Mo.
Troxler, E. R., *Or.* 1942
703 Avenel Ave., Roanoke, Va.
TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge
Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton
Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.
Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.
Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.
TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton
Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953 M. G. H.
Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.
Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.
ULFELDER, H., a.s. (*E.S.* 1939); r.s. *E.S.* 1941 264 Beacon
Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.
Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp., Richmond, Va.
Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.
Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930 Williams College, Williamstown
Uyeda, I., *C.M.* 1950; a.r.p. *C.M.* 1951
30 Fortuna Ave.,
San Francisco, Calif.
Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn
VANCE, R. G., clin. assoc. *R.;* r.p. *R.* 1924 262 Beacon
VANDERVEEN, J. L., a.r.p. *An.* M. G. H.
VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton
VAN EERDE, A., a.r.p. *An.* M. G. H.
VAN GORDER, G. W., *Bd. of Cons.* 262 Beacon
Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston
van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.
Van Stone, L. M., *D.* 1916 and *W.M.* 1917
1578 Humboldt, Denver, Colo.
Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.
Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.

Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham
Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave.,
New Haven, Conn.
Veldee, M. V., *E.M.* 1920
Hyland Labs.,
Los Angeles, Calif.
VERHOEFF, F. H., cons. c. *Oph.*
395 Commonwealth Ave.
Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.
VICKERY, A. L., Jr., a. path.
M. G. H.
VICTOR, M., a.n. M. G. H.
VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline
VINCENT, B., hon. s. (*W.S.* 1903)
925 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
210 S. K, Tulare, Calif.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med.,
Seattle, Wash.
von FELSINGER, J. M., assoc. psychol. *An.* M. G. H.
von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918 Box 3536,
Daytona Beach, Fla.
Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton
WADDELL, W. R., a. *S.* (*W.S.* 1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., a.dn.s.
301 Essex, Lawrence
WAKSMAN, B. H., assoc. b. *N.*
M. G. H.
Waldman, J., a.r.s. *Or.* 1949
Billings Gen. Hosp.,
Univ. of Chicago, Chicago, Ill.
Waldron, A. M., *E.M.* 1938; a.r.p. 1939
324 S. State, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, A. M., *E.M.* 1925
Dept. of Med. and Surg.,
Vet. Adm., Washington, D. C.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
Walker, J. K., *Dn.* M. G. H.
Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953 Raymond, Alberta, Canada
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
WALLACE, R. H., clin. assoc. *S.* (*W.S.* 1929); r.s. *E.S.* 1931
264 Beacon
Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover
Walser, M., *M.* 1949; a.r.p. 1950
Oenoke Ave., New Canaan, Conn.
Walton, R. W., *W.S.* 1926
102 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg.,
Hong Kong, China
Wang, Chiu-chen, r.p. *R.* 1952
M. G. H.
WANG, YANG, r.p. (*M.* 1953)
M. G. H.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., *Bd. of Cons.* (*W.S.* 1936) 1180 Beacon, Brookline
Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of
California South, Los Angeles, Calif.
WARTHIN, T. A., a.p.
Vet. Adm. Hosp., W. Roxbury
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., a. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave.,
Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W.,
Washington, D. C.
WEBSTER, E. W., physicist *R.*
M. G. H.
Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine

WEBSTER, H. deF., a.r.p. *N.* M. G. H.
WEBSTER, R. C., clin. assoc. *S.* (*E.S.* 1943); j.r.s. 1944
1101 Beacon, Brookline
Wedrow, E. M., r.p. *Psychiat.* 1953
Judge Baker Guidance Center
Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.
Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg., Wheeling, W. Va.
WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.
WEINBERGER, J. L., a. *Psychiat.*
51 Brattle, Cambridge
WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton
Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd., Cleveland Heights, Ohio
WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.
WEISMAN, A. D., a. psychiat.; r.p. *Psychiat.* 1945 464 Beacon
WEISS, RUTH S., a. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 266 Beacon
WELD, G. S., *Asst. Treasurer of the Corporation* 45 Milk
Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.
Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little Neck, Long Island, N. Y.
Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.
WESSELHOEFT, C., cons. *M.*
315 Marlborough
WEST, F. J., a. *Oph.*
1101 Beacon, Brookline
WEST, W. W., a.r.s. (*S.* 1948) M. G. H.
Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester
Wheeler, C. A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster
WHEELER, E. O., a.p. M. G. H.
WHEELER, R. R., a.p. (*W.M.* 1922)
5 Bay State Rd.
Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd., Columbus, Ohio
WHEELOCK, F. C., Jr., a. *S.* (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline
WHISKIN, F. E., r.p. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1952 M. G. H.
WHITE, C. J., hon. p.
259 Marlborough
WHITE, E. M., a. dir. M. G. H.
WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.
White, Laurens P., *M.* 1950; a.r.p. 1951
Laguna Honda Home, San Francisco, Calif.
WHITE, LeMOYNE, a. psychiat. (*E.M.* 1942); r.p. *Psychiat.* 1947 M. G. H.
WHITE, P. D., *Bd. of Cons.*; cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon
Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.
Whitfield, T. J., *C.M.* M. G. H.
Whitford, W., *Or.* 1931
22 Roosevelt Ave., Poughkeepsie, N. Y.
Whitham, R. H., *W.S.* 1926
921 Stuart Bldg., Lincoln, Nebr.
WHITING, R. G., a. *M.*
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.
Whittemore, William S., *S.S.* 1910
3 Concord Ave., Cambridge
WHITTEMORE, WYMAN, hon. s. (*W.S.* 1906) Boyce, Va.
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard
Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
WILCOX, R. E., a.r.s. (*S.* 1949) M. G. H.
WILKINS, E. W., Jr., a. *S.* (*W.S.* 1945); a.r.s. 1951 205 Beacon
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
4 Chestnut, Springfield
WILLIAMS, O. B., Jr., a.r.p. *An.* M. G. H.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
Avenue Pedro de Valdivio 2476, Santiago, Chile
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.

Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp., New York, N. Y.

Wilson, John C., *Or.* 1917 2010 Wilshire Blvd., Los Angeles, Calif.

Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950 2010 Wilshire Blvd., Los Angeles, Calif.

Wilson, John L., *E.S.* 1940; r.s. 1948 490 Post, San Francisco, Calif.

WILSON, P. D., *Bd. of Cons.* (*E.S.* 1914) 321 E. 42nd, New York, N. Y.

Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946 14 E. 90th, New York, N. Y.

WILSON, RICHARD V., a.r. M. G. H.

WILSON, ROBERT F., clin. assoc. *C.M.* 113 Locust, Dover, N. H.

Winkler, J. J., a.r.p. *R.* 1928 Professional Bldg., Kansas City, Mo.

Winn, W. A., *E.M.* 1934 Springville Hosp., Springville, Calif.

Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline

Wishard, W. N., Jr., *E.S.* 1927 1711 N. Capital Ave., Indianapolis, Ind.

Wolff, J., *M.* M. G. H.

Wolff, L., *W.M.* 1924 270 Commonwealth Ave.

Woo, Shutai Tinwong, *W.M.* 1920 Peiping Union Med. Coll., Peiping, China

Wood, B. S., *E.S.* 1933 751 Main, Waltham

Wood, E. C., *M.* 1951 Yale Univ. Sch. of Med., New Haven, Conn.

Wood, H. P., *M.* 1948 Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.

Wood, James A., *C.M.* 1915 214 Vineville Ave., Macon, Ga.

Wood, James E., Jr., *W.M.* 1923; r.p. *E.M.* 1923 Univ. of Virginia Hosp., University, Va.

WOOD, W. FRANKLIN, dir. (*McL.*) McLean Hosp., Waverley

Wood, William E., *Dn.* 1940 1726 Eye, N.W., Washington, D. C.

WOODARD, M. W., a. *Oph.* 9 Central, Lowell

Woodbury, H. W., *Dn.* 1948 317 S. 3rd, Las Vegas, Nev.

WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947 1101 Beacon, Brookline

Worth, T. C., *W.M.* 1938 1835 Eye, N.W., Washington, D. C.

WYMAN, R. R., a.dn.s. 53 Bay State Rd.

WYMAN, S. M., r.; j.r.p. *R.* 1942 M. G. H.

Wyngaarden, J. B., *M.* 1949; r.p. 1951 National Heart Inst., National Inst. of Health, Bethesda, Md.

Wynne, L. C., r.p. *Psychiat.* 1951 National Inst. of Mental Health, Bethesda, Md.

WYSHAM, D. N., a.r.p. (*M.* 1954) M. G. H.

Yaffee, H. S., a.r.p. *D.* 1953 15 Everett, Cambridge

Yanagisawa, K., *Or.* 1944 50 E. 52nd, New York, N. Y.

Yankauer, A., *C.M.* 1941 New York State Dept. of Health, Albany, N. Y.

Yatsuhashi, M., *W.S.* 1945; a.r.s. 1946 66 Beals, Brookline

Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946 Sunmount Hosp., Tupper Lake, N. Y.

Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton

Youmans, J. B., *E.M.* 1921 Univ. of Illinois Coll. of Med., Chicago, Ill.

Young, C., *E.S.* 1923 Med. Arts Bldg., Salt Lake City, Utah

Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937 Box 70, Raleigh, N. C.

YOUNG, E. L., *Bd. of Cons.* (*W.S.* 1910) 1180 Beacon, Brookline

Young, J. G., *C.M.* 1926 4005 St. Andrews Dr., Dallas, Tex.

Young, R. A., r.p. *Psychiat.* (*McL.*) 1934 21 Washington Ave., Cambridge

ZAMBON, ENES, exec. a. (*S.N.* 1929) M. G. H.

Zamcheck, N., *Path.* 1943 Boston City Hosp.

ZAMECNIK, P. C. M., assoc.p. M. G. H.

ZAOUSSIS, A. L., a.r.s. *Or.* M. G. H.
Zartman, H. F., *C.M.* M. G. H.
ZAUDY, ELEONORE C., a.p. *C.M.*
1247 Beacon, Brookline
ZELLER, J. W., assoc. p. (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZETZEL, ELIZABETH R.,
a. psychiat. 14 Hubbard Pk., Cambridge
ZONDERMAN, B., a.s. *Otolar.*
314 Commonwealth Ave.
ZOVICKIAN, A., a. *Otolar.*
270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
Zuidema, G. D., *S.* M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, H.
Lyons, C.
Perley, A. I.
Richardson, W. R.
Shannon, P. W.

Selma
Harper, W. F.

ARIZONA

Kingman
Findlay, F. M.

Phoenix
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Glendale
Billig, H. E., Jr.
Cannon, J. A.

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Snyder, W. H., Jr.

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Ellery, S. W.
Meister, L.

Los Angeles
Ayres, S., Jr.
Boyes, J. H.
Chaffin, G. L.
Cozen, L.
Goettsch, E.
Halsted, J. A.
Ilfeld, F. W.
Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
Miller, M. L.
Miller, R. B.
Mills, L., Jr.
Mudd, S. G.
Rose, A. S.
Scholl, A. J.
Schuler, J. D.
Solomon, J.
Thompson, V. P.
Urist, M. R.
Veldee, M. V.
Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.

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Snyder, M. H.
Spiers, H. W.
Stout, K. L.

Oakland
Ewer, E. G.
Graeser, J.B.
Hitchcock, H. H.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Owyang, P.
Richards, D. N.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.

Palo Alto
Hawkins, R.

Pasadena
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.

Piedmont
Francis, L.
Newell, J. W.

Pomona
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Redlands
Dole, K. L.

Redwood City
Soholt, S. T.

Ross
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Sacramento
Horn, C. E.
McNeil, D.

San Bruno
Quinn, T. J., Jr.

San Diego
Garrity, R. W.
Peabody, H. D., Jr.

San Francisco
Abbott, L. C.
Alston, E. F.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Jergesen, F. H.
Kilgore, A. R.
Levy, S. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, I.
White, L. P.
Wilson, J. L.

San Jose
Ahnlund, N. W.
McCort, J. J.

San Mateo
Hills, O. W.
Key, W. A.
Prindle, K. H.
Ratcliffe, J. W.

San Rafael
Rhinelander, F. W., II

Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.

Santa Cruz
Fowler, C. B.

Springville
Winn, W. A.

Tulare
Vitt, R. J.

Vallejo
Tyson, R. G.

Van Nuys
Stout, K. L.

West Los Angeles
Mason, E. D.

COLORADO

Colorado Springs
Hartwell, J. B.

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Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Dixson, I. M.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Haggart, W. W.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
Lingenfelter, G. P.
MacMillan, H. A., Jr.
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Matchett, F. L.
Meader, C. N.
Mitchel, D. H.
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Van Stone, W. D.

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CONNECTICUT

Bridgeport
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Watson, J. W.
Manchester
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New Britain
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Colwell, H. S.
Ewell, J. W.
Frame, B.
Fuldner, R. V.
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Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
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Seabury, R. B.
Shannon, J. M.
Smith, H. W.
Tileston, W.
Vaughan, V. C., III
Wood, E. C.
Newington
Carey, J. M.
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Gens, J. P.
Norwich
Kettle, R. H.
Sharon
Gevalt, F. C., Jr.
Waterbury
Cole, C. H.
Harty, J. E.
West Hartford
Egloff, F. R. L.
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Stoddard, J. K.

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Great Lakes
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LOUISIANA

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MAINE

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MARYLAND

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Bethesda
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Reeves, J. D., Jr.
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Wynne, L. C.
Salisbury
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Takoma Park
Blunden-Morris, D. E.
Towson
Wies, D.
Westminster
Lichtenwalner, C. S.

MASSACHUSETTS

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Radcliffe, E. J.
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Holihan, J. P.
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Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.
Attleboro
Bixby, H. I.
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Belmont
Coolidge, J. C.
Gardner, G. E.
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Kershaw, B. R.
Semrad, E. V.
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Alt, R. E.
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Essember, L. J.
Le Donne, J. E.
Parkhurst, A. E.
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Scott, D. H.
Senecal, A. L.
Stickney, R. C.
Todd, B. P.
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Abbott, J. A.
Abramson, D.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Adams, R. H.
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Allen, H. F.
Allman, C. H.
Alpert, R.
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Arrowood, J. G.
Arthur, R. J.
Aub, E. F.
Aub, J. C.
Aufranc, O. E.
Ayer, J. B.
Badger, G. S. C.
Badger, T. L.
Baggett, B.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
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Bandurski, R. S.
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Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
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Beecher, H. K.
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Behringer, G. E.
Benda, C. E.
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Benedict, P. H.
Bennett, W.
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Berg, R. L.
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Bland, E. F.
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Blom, G. E.
Bonner, F. J.
Bratt, H. A.
Braudo, J. L.
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Brendler, S.
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Brickley, W. J.
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Bunker, J. P.
Burbank, C. B.
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Chandler, P. A.
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Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clap, E. W.
Clark, D. A.
Clark, L. D.
Clay, C. L.
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Clough, J. M.
Cobb, S.
Cogan, D. G.
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Collinson, A. W.
Cook, C. D.
Cope, O.
Covitz, E. E.
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Cronin, T. P.
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Culver, P. J.
Cummin, J. W.
Cummins, L. J.
Currens, J. H.
Cutler, G. D.
Daland, E. M.
d'Autremont, C. C.
Davies, J. A. V.

DeBlois, E.
Decker, B. L.
d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
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Dickson, W. A.
Dienes, L.
Dodd, R. B.
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Donaldson, G. A.
Drooker, J. C.
Duffy, R. J.
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Farmer, D. A.
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Faxon, H. H.
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Fennell, R. H., Jr.
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Finkenstaedt, J. T.
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St. Goar, W. T.
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Shangraw, K. A.
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Suby, H. I.
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Tuttle, E. P., Jr.
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Bacon, W. B.
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Trakas, J. C.
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Zaudy, E. C.
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Angley, J. C.

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Deutsch, H.
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Tompkins, J. B.

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Leach, C. A., Jr.
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Stanton, J. C.

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Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Braintree
Slemons, M. L.

East Natick
Garrett, J. W. D.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
MacLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Mason, W.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.

Foxboro
Putnam, J. J.

Framingham
Bloomberg, W.
Denton, J. E.
Folsom, H. F.
Golden, T. S.
Hirsch, L. S.

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Garland, R.
Johnson, L. F.

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Wallace, E. P.

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Wigglesworth, W. C.

Haverhill
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Eldredge, L. L., Jr.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Mahoney, S. A.

Ipswich
Goodale, J. L.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.
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Waddington, E. J.

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Wheeler, C. A.

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Ferguson, A. B., Jr.

Longmeadow
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Leahey, B. D.
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Maynard, G. B., Jr.
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Tripp, C. C.

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Bullard, C. W.
Clark, G. O.
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Newton Centre
Derow, S.
Higgins, R. B.
Rutherford, R. W.

Newton Highlands
Kaplan, S.
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Thompson, R. D.

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Wallwork, D. W.

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Abbot, E. S.

Wellesley
Pfeffer, W., Jr.

Wellesley Hills
Parker, J. S.

Westboro
Holt, W. L., Jr.

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West Newbury
Page, L. B.

West Newton
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Weston
Greene, D. C., Jr.
Skinner, J. C.
Van Nüys, F.

Westwood
Cummer, F. H., Jr.
Ives, L. M.

Weymouth
Heusner, A. P.

Williamstown
Urmy, T. V.

Winchester
Clark, R. J.
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Kaufmann, G. G.
McKenzie, W. L.
Marks, G. A.
Mueller, H. L.

Woods Hole
Mixter, W. J.

Worcester
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Carmody, J. T. B.
Damiani, C. R.
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Dumas, C. E.
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Miller, E. C.
Peterson, H. O.
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Sniffen, R. C.
Wheeler, B. C.

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Waldron, A. M.

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Peabody, C. W.
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Sweeny, D. N., Jr.
Zuelzer, W. W.
Zukowski, H. J.

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Bishop, R. C.

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Faust, L. W.
Sugiyama, T.

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Parsons, J. P.

Holland
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Tannheimer, J. F.

Iron Mountain
Alexander, W. H.

Jackson
Munro, N. D.

Pontiac
Cudney, E. B.

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Clapp, S.

Minneapolis
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Johnson, N. P.
Kennedy, B. J.
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Pohl, J. F.
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Haines, S. F.
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Comly, H. H.
Peterson, H. O.
Schwyzer, M.

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Guyton, A. C.

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Dennie, C. C.
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Lawrence, G. H.

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St. Louis
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Hanser, T. H.
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Strauss, A. E.
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Trenton
Fuson, W. A.

Webster Groves
Gaunt, F. P.

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Aurora
Steenburg, D. B.
Steenburg, E. K.

Lincoln
Whitham, R. H.

Omaha
Bisgard, J. D.
Luikart, R. H.
Martin, J. W.

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Woodbury, H. W.
Reno
Cantlon, E. L.
Cantlon, J. V.

NEW HAMPSHIRE

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Mintz, E. R.
Dover
Wilson, R. F.
Exeter
Heyl, J. T.
Hancock
Eustis, R. S.
Hanover
Gundersen, S. M.
Heyl, H. L.
Hunter, R. W.
King, D. S.
McKenna, J. B.
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Sycamore, L. K.
Keene
Lacey, W. H.
Manchester
Bienvenu, L. J.
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Kalil, F. H.
Kalil, T. H.
Portsmouth
Lium, R.
Wilton
Locke, E. A.
Winchester
Williams, C. A.
Wolfeboro
Gregory, H. E.

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Gorman, R. V.
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Kind, H. A.
Irvington
Charash, L. I.
Montclair
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Saltus, L. S.
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Shipman, T. L.

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Neptune, E. McC.
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Squire, L. F.
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Talin, J. J.
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Upton, Long Island
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Lynn, J. G., IV
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White Plains
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Henley, T. F.

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Steel, D.
Cleveland Heights
Weir, D. R.
Columbus
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Dayton
Flook, S. E.
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Youngstown
Coombs, F. S.
McElroy, W. D.

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Tulsa
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Burns, E. M.
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Hall, R. G.
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Spangler, P. E.

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Haverford
Glenn, W. W. L.
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Bliss, H. A.
Lancaster
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Narberth
Schnabel, T. G., Jr.
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Barrows, L. J.
Biddle, S.
Boger, W. P.
Dohan, F. C.
Goeringer, C. F.
Heath, R. D.
Montgomery, H.
Nicholson, J. T.
Starr, I.
Stokes, J., Jr.
Wood, H. P.
Pittsburgh
Foldes, F. F.
Mabon, T. McC.
McLaughlin, W. B.
Reading
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Williamsport
Simon, R. L.

RHODE ISLAND

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Pawtucket
Hogan, J. F.
Providence
Cutts, F. B.
Fallon, J. T.
Hamlin, H.
Happ, L. C.
Kingman, L. C.
Littlefield, J. W.
McDonald, C. A.
Sargent, F. B.
Sawyer, C. S.
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Troppoli, D. V.

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Tucker, R. P.
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Greenville
Mathis, W. H., Jr.

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Parmenter, D. C.
Memphis
Shaw, J. L.
Stern, N. S.
Nashville
Buchanan, R. N., Jr.
Clark, S. L., Jr.
Cobb, C. A., Jr.
Lamson, P. D.
Lee, J. M.
Newman, E. V.
Smith, M. L.
Towery, B. T.
Oak Ridge
Ruley, H. B.

TEXAS

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Kreisle, J. E.
Beaumont
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Dallas
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Donald, J. H.
Jenkins, M. T.
Martin, C. L.
Martin, J. A.
Moore, H.
Rosser, C.
Spence, H. M.
Young, J. G.
Denison
Freeman, D. W.
Fort Worth
Flood, W. E.
Houston
Boylston, B. F.
Culver, G. A.
David, S. D.
Park, J. H.
Smith, E. T.

McAllen
Evans, S. S.
San Antonio
Riege, D. H.
Schulenburg
Keuper, C. S.
Temple
Scott, A. C., Jr.
Waco
Powell, S. M., Jr.

UTAH
Ogden
Keyes, G. H.
Perkins, A.
Salt Lake City
Christensen, W. R.
Hatch, F. F.
Haut, A.
Moreton, J. R.
Young, C.

VERMONT
Bennington
Giddings, W. P.
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Anthonisen, M. R.
Anthonisen, N. L.
Burlington
Bell, J. F.
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Smith, R. P.
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Gannon, M. L.
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Judd, J. M.
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Sanborn, F.
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Norfolk
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McDowell, W. P.
Richmond
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Blades, J. F.
Fitts, J. B.
James, G. W., III
Jones, B. B.
Jordan, W. R.
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Sutphin, A. K.
Thompson, W. T.
Tucker, J. T.
Ulmer, J. L.
Roanoke
Glendy, M. M.
Glendy, R. E.
Troxler, E. R.
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Wescott, H. H.
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Parson, W.
Wood, J. E., Jr.

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Bellingham
Teel, C. E.
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Millwood
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Olympia
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Richland
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Seattle
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Compton, D. W.
Crystal, D. K.
Edmonds, H. W.
Garrigues, H. B.
MacMahon, C. E.
Nelson, W. M.
Rutherford, R. N.
Skinner, A. L., Jr.
Volwiler, W.
Tacoma
McCarty, E. D.
Robey, J. S.
Sanderson, S. S.
Walla Walla
Brooks, P. T.
Gilbert, A. C.
Wenatchee
Congdon, R. T.
Yakima
Patterson, H. E.

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Charleston
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Hills, H. M., Jr.
Revercomb, P. H.
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Clarksburg
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Hopecrest, Morgantown
Shaffer, H. A.
Welch
Kristjansson, H.
Wheeling
Weiler, H. G.

WISCONSIN
LaCrosse
Gundersen, T. E.
Madison
Albright, E. C.
Gordon, E. S.
Javid, M.
Paul, J. R., Jr.
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Conley, J. E.
Holbrook, A. A.
Schneider, C. C.
Schwartz, A. B.
Smith, L. D.

WYOMING
Wheatland
Lunt, L. K.

ALASKA
St. Paul Island
Lansing, C.

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Honolulu
Dodge, R. S.
Schnack, A. G. C.
Stewart, S. F.

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BRASIL
Rio de Janeiro
Albuquerque, P. F.
São Paulo
Barretto, O. deF.

CANADA
Edmonton, Alb.
Mewburn, F. H. H.
Fairville, N. B.
Gregory, R. A.
Halifax, N. S.
Colpitts, G. E.
Marshall, C. S.
Hull, Que.
McKay, W. W.
Kingston, Ont.
Melvin, W. J. S.
Londonderry, N. S.
MacKinnon, R.
Montreal, Que.
Johnson, L. G.
MacDermot, P. N.
Sober, S.
Tallon, J. B.
Olds, Alb.
Burland, G. R.
Raymond, Alb.
Walker, R. H.
St. Catharines, Ont.
Shannon, J. G.
Toronto, Ont.
Clowes, G. H. A., Jr.
Gardiner, W. J.
Harris, W. R.
Holmes, R. B.
Lowrey, S. R.
Victoria, Brit. Col.
Hoodless, E. C.
Winnipeg, Man.
Adamson, G. L.

CHILE
Santiago
Williamson-Lefort, L.

CHINA
Hong Kong
Wang, C. A.
Hsichow
Roots, L. H.
Nanking
Cheer, S. N.
Peiping
Woo, S. T.

COLOMBIA
Bogotá
Salamanca, J. J.

DENMARK
Copenhagen
Andersen, E. W.
Ibsen, B.

ENGLAND
London
Austin, G. L.
Chaplin, H., Jr.
Gibson, J. G.
Gore, C. P.
Leigh, A. D.
Senior, B.

Manchester
Trethowan, W. H.
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FRANCE
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GERMANY
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Gaya, Bihar
Singh, M. M.

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Oslo
Lund, I.
Stovner, J.

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Bahrain
Harrison, P. W.

SOUTH AFRICA
Johannesburg
Gamsu, D.

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FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 109 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See also page 110 of this Report

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MASSACHUSETTS GENERAL HOSPITAL
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One Hundred and Forty-first

Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the Year
1954

Officers and Staff
1955

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

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B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

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C. *A Legacy Intended for a Special Purpose*

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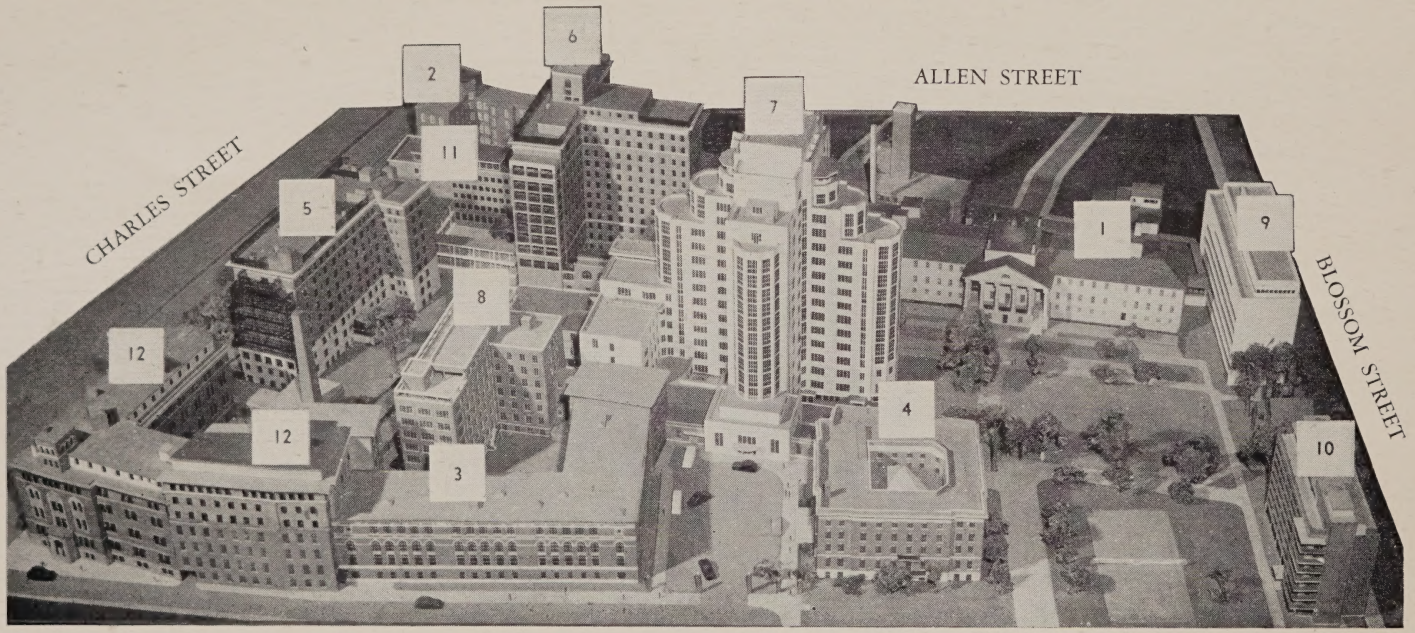

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1893); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Medical Science Building (under construction); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-first Annual Report of the Trustees

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston and the McLean Hospital in Waverley

For the year

1954

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1955

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†Died May 11, 1955
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BOSTON · MASSACHUSETTS

Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The rate in the general wards is $16.00 per day for board plus charges for additional services, such as laboratory, X-rays, operating room and special medicine. A deposit is usually required upon admission, and bills are payable weekly thereafter in advance.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 to 10:00 o'clock each morning, are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

Single, 2-bed and 4-bed rooms are offered from $16.00 to $21.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $22.00 to $35.00 per day plus charges for additional services. Attending physicians arrange their own fees.

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Maurice M. Tolman, M.D.

Associate Dermatologists

John Adams, Jr., M.D.
Walter F. Lever, M.D.

Assistant Dermatologists

Earl A. Glicklich, M.D.
Robert D. Griesemer, M.D.
Milton E. Helman, M.D.
William R. Hill, Jr., M.D.
Mildred L. Ryan, M.D.
Robert F. Tilley, M.D.

Assistants in Dermatology

Clito R. Damiani, M.D.
Basil C. Gray, M.D.
Margaret B. Hussey, M.D.
Charles S. Keuper, M.D.
John E. LeDonne, M.D.
Philip L. McCarthy, M.D.
Leon Reznick, M.D.
Arthur S. Spangler, M.D.

Associate Biochemist
Irvin H. Blank, PH.D.

Associate Biologist
A. Gedeon Matoltsy, M.D.

NEUROLOGY

Chief of Service
Raymond D. Adams, M.D.

Neurologists
Madelaine R. Brown, M.D. — Edwin M. Cole, M.D.
Robert S. Schwab, M.D.

Associate Neurologists
C. Miller Fisher, M.D.

Assistant Neurologists
John A. Abbott, M.D. — Huntington Porter, M.D.
Vincent P. Perlo, M.D. — Edward P. Richardson, Jr., M.D.
Maurice Victor, M.D.

Assistants in Neurology
Ruth E. Stauffer, M.D. — *William H. Timberlake, M.D.

Neurophysiologist
Mary A. B. Brazier, PH.D.

Associate Bacteriologist
Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service
Erich Lindemann, M.D., PH.D.

Consulting Visiting Psychiatrist
Carl A. L. Binger, M.D.

Psychiatrists
Paul M. Howard, M.D. — **Lucie J. Jessner, M.D.

Associate Psychiatrists
Herbert Barry, Jr., M.D. — Alfred O. Ludwig, M.D.
LeMoyne White, M.D.

Assistant Psychiatrists
Clemens E. Benda, M.D. — *Gardner C. Quarton, M.D.
Gaston E. Blom, M.D. — Peter E. Sifneos, M.D.
Daniel C. Dawes, M.D. — Jerome L. Weinberger, M.D.
Volta R. Hall, M.D. — Avery D. Weisman, M.D.
John C. Nemiah, M.D. — Vernon P. Williams, M.D.
Elizabeth R. Zetzel, M.D.

Assistants in Psychiatry
Morris H. Adler, M.D. — Morris E. Chafetz, M.D.
Frances J. Bonner, M.D. — *Lincoln D. Clark, M.D.
Franklin Carter, M.D. — Abraham L. Finesinger, M.D.

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*On leave of absence for military service
**Through April 30

Wallace F. Haley, Jr., M.D.
Richmond Holder, M.D.
Samuel Kaplan, M.D.
John H. Lamont, M.D.
Robert T. Long, M.D.
Maria Lorenz, M.D.
I. Paley Rak, M.D.
Jackson M. Thomas, M.D.

Associate Psychologist

John M. von Felsinger, PH.D.

Assistant Psychologists

Lovick C. Miller, Jr., PH.D.
George A. Talland, PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service

Allan M. Butler, M.D.

Physicians to Children's Medical Service

Leo B. Burgin, M.D.
John A. V. Davies, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

Frederic M. Blodgett, M.D.
T. Berry Brazelton, M.D.
John D. Crawford, M.D.
Ralph W. Daffinee, M.D.
Ribert N. Ganz, M.D.
Arthur J. Linenthal, M.D.
Francis C. McDonald, M.D.
Gertrud C. Reyersbach, M.D.
Richard C. Tefft, Jr., M.D.
Louis Weinstein, M.D.

Assistant Physicians to Children's Medical Service

Albert Cohen, M.D.
William A. Dickson, M.D.
Edward C. Dyer, M.D.
LeRoy L. Eldredge, Jr., M.D.
Gerald A. Kerrigan, M.D.
William F. Ketchum, M.D.
Joseph L. Lewis, M.D.
Alexander S. Nadas, M.D.
William Pfeffer, Jr., M.D.
Wilhelmina Van Dyke, M.D.
Eleonore C. Zaudy, M.D.

Assistants to Children's Medical Service

Doris R. Bennett, M.D.
John A. Duggan, M.D.
Lawrence J. Essember, M.D.
Elizabeth G. French, M.D.
David Gitlin, M.D.
Joseph J. M. McGovern, M.D.
Murray E. Pendleton, M.D.
Robert T. Sceery, M.D.
Richard H. Watson, M.D.

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services

Edward D. Churchill, M.D.

Consulting Visiting Surgeon

Leland S. McKittrick, M.D.
*Joe V. Meigs, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Oliver Cope, M.D.
E. Parker Hayden, M.D.
Robert R. Linton, M.D.

*As of July 1

Horatio Rogers, M.D.
Richard H. Sweet, M.D.
Grantley W. Taylor, M.D.
*Howard Ulfelder, M.D.
Claude E. Welch, M.D.

Associate Visiting Surgeons

Bradford Cannon, M.D.
Gordon A. Donaldson, M.D.
Edward Hamlin, Jr., M.D.
J. Gordon Scannell, M.D.
*Fred A. Simmons, M.D.

Assistant Surgeons

F. Thomas Gephart, M.D.
*John B. Graham, M.D.
*Ward I. Gregg, M.D.
*Francis M. Ingersoll, M.D.
William V. McDermott, Jr., M.D.
John B. McKittrick, M.D.
William R. Waddell, M.D.
Frank C. Wheelock, Jr., M.D.

Assistants in Surgery

Glenn E. Behringer, M.D.
Charles B. Burbank, M.D.
Thomas H. Green, Jr., M.D.
†Hermes C. Grillo, M.D.
Charles G. Mixter, Jr., M.D.
**George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
George S. Richardson, M.D.
Grant V. Rodkey, M.D.
William P. Rogers, Jr., M.D.
Robert S. Shaw, M.D.
Earle W. Wilkins, Jr., M.D.

ANESTHESIA

Chief of Service

Henry K. Beecher, M.D.

Associate Anesthetists

Bernard D. Briggs, M.D.
John P. Bunker, M.D.
**Donald P. Todd, M.D.

Associate Psychologist

John M. von Felsinger, PH.D.

ENDOSCOPY

Endoscopist

Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service

Joe V. Meigs, M.D.

Staff by assignment from General Surgery

*Assigned to Gynecology
**On leave of absence for service in the armed forces
†As of July 1

NEUROSURGERY

Chief of Service
James C. White, M.D.

Associate Visiting Neurosurgeon
William H. Sweet, M.D.

Assistant Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistant in Neurosurgery
Louis Bakay, M.D.

Research Associate
Edgar L. Gasteiger, Jr., M.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D.
Edwin F. Cave, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
Thomas F. Broderick Jr., M.D.
Thornton Brown, M.D.
Robert J. Joplin, M.D.
Eugene E. Record, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery
*Thomas L. DeLorme, M.D.
William N. Jones, M.D.
John D. Leidholt, M.D.
Morten Smith-Petersen, M.D.

UROLOGY

Chief of Service
Wyland F. Leadbetter, M.D.

Visiting Urologist
Sylvester B. Kelley, M.D.

Associate Visiting Urologist
Howard I. Suby, M.D.

Assistant Urologists
Walter S. Kerr, Jr., M.D.
Saul M. Marcus, M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology
Joshua J. Hurwitz, M.D.
Harold A. Rudy, M.D.

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*Effective April 1

OBSTETRICS

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
G. Douglas Krumbhaar, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.
George Christman, D.M.D.

Dental Surgeons

Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.M.D.
Owen W. Kite, D.M.D.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
Charles E. Rounds, D.M.D.
Edward L. Sleeper, D.D.S.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Charles W. Crowley, D.M.D.
Herman DeWilde, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Burton J. Gove, D.M.D.
Gilman W. Haven, D.D.S.
Henry D. Howe, D.M.D.
Frederick H. Kalil, D.M.D.
Julius J. Levitan, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Frank I. Rhodes, D.M.D.
Hermann B. F. Seyfarth, D.M.D.
Keith A. Shangraw, D.M.D.
**George H. Sweetnam, D.M.D.
Ralph D. Thompson, D.M.D.
Earl J. Waddington, D.M.D.
R. Ronald Wyman, D.M.D.

**On leave of absence for service in the armed forces.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Assistant Pathologists

Winfield S. Morgan, M.D. — Edgar B. Taft, M.D.

Robert E. Scully, M.D. — Austin L. Vickery, Jr., M.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

Assistants in Pathology

Richard B. Cohen, M.D. — Agnes Burt Russfield, M.D.

David Spiro, M.D.

Neuropathologist

Raymond D. Adams, M.D.

Assistant Neuropathologist

Edward P. Richardson, Jr., M.D.

Clinical Cytologist

Ruth M. Graham, B.S.

Consultants in Forensic Pathology

William J. Brickley, M.D. — Michael A. Luongo, M.D.

BACTERIOLOGY

Assistant Bacteriologist

Lawrence J. Kunz, PH.D.

Consulting Bacteriologist

Louis Dienes, M.D.

RESEARCH CHEMISTRY

Biochemist

Fritz Lipmann, M.D.

Associate Biochemist

John D. Gregory, PH.D.

Assistant Biochemist

Lowell P. Hager, PH.D

RADIOLOGY

Chief of Department

Laurence L. Robbins, M.D.

Radiologists

Milford D. Schulz, M.D. — Stanley M. Wyman, M.D.

Associate Radiologist

Joseph Hanelin, M.D.

Assistant Radiologists

John D. Reeves, M.D. — Paul M. G. St. Aubin, M.D.

Richard V. Wilson, M.D.

Engineer

Oliver E. Merrill, B.E.E.

Physicist

Edward W. Webster, PH.D.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

Assistant in Physical Medicine
George W. Geiss, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Contagious Diseases
Edwin H. Place, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultant in Traumatic Conditions
Augustus Thorndike, M.D.

Consultant in Medicine
Conrad Wesselhoeft, M.D.

Consultants to the Children's Medical Service
William Berenberg, M.D.
Stewart H. Clifford, M.D.
Louis K. Diamond, M.D.
Clement A. Smith, M.D.

Consultant in Anatomy
Robert M. Green. M.D.

Consultant in Neurosurgery
Oscar Hirsch, M.D.

Consultants in Physics
Robley D. Evans, PH.D.
John G. Trump, D.SC.

Consultant in Neurophysiology
Alexander Forbes, M.D.

ASSOCIATE STAFF

Clinical Associates in Medicine

Alfred L. Duncombe, M.D.
John R. Graham, M.D.
David Littmann, M.D.
Sylvester McGinn, M.D.
Henry D. Stebbins, M.D.
Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.

Clinical Associates in Dermatology

Alan P. Freedberg, M.D.
John L. Fromer, M.D.

Clinical Associate in Neurology

Jerome K. Merlis, M.D.

Clinical Associates in Children's Medicine

John G. Flynn, M.D.
George L. Gately, M.D.
Theodore S. Golden, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Marion L. Slemons, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Psychiatry

Charles V. du B. Lovell, M.D.
Elliott H. Sweetser, M.D.

Clinical Associates in Surgery

Franklin G. Balch, Jr., M.D.
Chester J. Dexter, M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
Stephen G. Jones, M.D.
Roy E. Mabrey, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
Lamar Soutter, M.D.
George S. Speare, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Richard H. Wallace, M.D.
Richard C. Webster, M.D.

Clinical Associate in Anesthesia

Ernest A. Sneddon, M.D.

Clinical Associates in Neurosurgery

Hannibal Hamlin, M.D.
Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associate in Urology

Emil J. Ganem, M.D.

Clinical Associates in Radiology

H. Peter Mueller, M.D.
Richard Schatzki, M.D.
Robert G. Vance, M.D.

Clinical Associates in Orthopedic Surgery

Williams Cochran, M.D.
Louis Nathan, M.D.

Clinical Associates in Dentistry

Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.M.D.
Howard C. Reith, D.M.D.

CLINICAL ASSISTANTS

Medicine

Winnifred P. Chase, M.D.
William B. Clapp, M.D.
Leonard W. Cronkhite, Jr., M.D.
Willard Dalrymple, M.D.
Albert I. C. DeFriez, M.D.
Thomas C. Hall, M.D.
Irving H. Itkin, M.D.
Louis Kunian, M.D.
Guillermo C. Sanchez, M.D.
Raymond J. Savignac, M.D.
Joseph Stokes, III, M.D.
Bryan Williams, Jr., M.D.
Gordon Du F. Winchell, M.D.

Dermatology

Lester J. Bienvenu, M.D.
John J. D'Urso, M.D.
James F. Patterson, M.D.

Psychiatry

Francis de Marneffe, M.B., B.S.

Children's Medicine

Thomas Frank, M.D.

Surgery

Benjamin A. Barnes, M.D.
John R. Brooks, M.D.
James M. Doonan, M.D.
Eugene Guralnick, M.D.
James F. Kenney, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Charles V. Menendez, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Aram Roopenian, M.D.
Clarke Staples, M.D.
Melvin L. Taymor, M.D.

Urology

Germain J. Bouchard, M.D.
George J. Warren, M.D.

Orthopedic Surgery

William R. MacAusland, Jr., M.D.
Harrison O'Connor, M.D.

Radiology

Martin B. Levene, M.D.
Anne R. O'Donnell, M.D.

HOUSE STAFF

Residents and Interns

As of January 1, 1955, with subsequent appointments

Medicine

Chief Resident: Richard A. Field, M.D.

Residents:

Irving P. Ackerman, M.D.
Joseph J. Barlow, M.D.
Beverly W. Cobbs, Jr., M.D.
Herschel D. Collins, M.D.
James J. Ferguson, Jr., M.D.
Boy Frame, M.D.
William A. Tisdale, M.D.—July 1

Assistant Residents:

Peter R. Bally, M.D.
Zanvil A. Cohn, M.D.
Daniel D. Federman, M.D.
Howard S. Frazier, M.D.
Lamont W. Gaston, M.D.
Lot B. Page, M.D.
Joseph R. Petranek, M.D.
Murray Rabinowitz, M.D.
Howard Rasmussen, M.D.
Harvey D. Rothberg, Jr., M.D.
Marvin D. Siperstein, M.D.
—Apr. 1
Russell E. Randall, M.D.—July 1
Robert B. Giles, Jr., M.D.—July 1

Interns:

David W. Allen, M.D.
Frank K. Austen, M.D.
Gerald M. Edelman, M.D.
Jan Koch-Weser, M.D.
Arthur R. Kravitz, M.D.
Glenn A. Langer, M.D.
William E. Lassiter, M.D.
Donald B. Martin, M.D.
Katharine E. Spreng, M.D.
Oscar E. Starobin, M.D.
Pindaros R. Vagelos, M.D.
Ralph C. Williams, Jr., M.D.

Dermatology

Resident:

Setrag A. Zacarian, M.D.

Assistant Residents:

Edward Karamanoukian, M.D.
Alexander B. Timm, Jr., M.D.
Vasilios G. Letsou, M.D.—July 1
Albert L. Rosenthal M.D.—July 1
Michael J. Franzblau, M.D.—July 1

Neurology

Resident:

Pierre M. Dreyfus, M.D.

Assistant Residents:

Cesare T. Lomborso, M.D.
Henry deF. Webster, M.D.
Miriam W. Carmichael, M.D.
—July 1
Wayne M. Hebertson, M.D.
—July 1
Richard L. Sidman, M.D.—July 1

Psychiatry

Assistant Residents:

John G. Clark, Jr., M.D.
Jule P. Miller, Jr., M.D.
Herbert S. Cline, M.D.—July 1
Martin R. Coles, M.D.—July 1
Mark McN. Walter, Jr., M.D.

Children's Medicine

Resident:

Thomas C. Peebles, M.D.

Assistant Residents:

Samuel L. Katz, M.D.
Richard B. Kearsley, M.D.
Zwi Laron, M.D.
John F. Radebaugh, Jr., M.D.
Jane S. Rasmussen, M.D.
Jack H. Rubinstein, M.D.
Thomas J. Whitfield, III, M.D.
Robert D. Breer, M.D.—July 1
John S. Robey, M.D.—July 1

Interns:

Robert L. Brent, M.D.
William R. Buchanan, Jr., M.D.
Mary P. Smythe Coley
Kazuo K. Kimura, M.D.

Barbara M. Orski, M.D. Leonard H. Plotkin, M.D.
Gerold L. Schiebler, M.D.

Surgery

Residents:
Robert C. Coe, M.D. Hermes C. Grillo, M.D.

First Assistant Residents:
Richard C. Austin, M.D. David B. Sheldon, M.D.
Frank W. Garran, Jr., M.D. Eji Suyama, M.D.
Paul S. Russell, Jr., M.D. Roger E. Wilcox, M.D.

Second Assistant Residents:
Richard R. Curtin, M.D. Benjamin B. Jackson, M.D.
Edward Dunn, M.D. John H. Kennedy, M.D.
Adolf L. Gundersen, M.D. Richard N. Kleaveland, M.D.
Walter M. Haynes, Jr., M.D. John A. Malcolm, M.D.
John M. Head, M.D. John D. Pitts, M.D.
Clement A. Hiebert, M.D. Robb H. Rutledge, M.D.
Jack E. Tetirick, M.D.

Third Assistant Residents:
Edward L. Carter, M.D. George B. Murphy, Jr., M.D.
Harry B. Ditmore, Jr., M.D. Jens G. Rosenkrantz, M.D.
Edward L. Ferguson, M.D. Giles D. Toll, M.D.
Harold L. May, M.D. George D. Zuidema, M.D.

Interns:
Arthur E. Baue, M.D. Alvan B. Judd, M.D.
David L. Collins, Jr., M.D. Walter E. Klingensmith, M.D.
Oscar S. DePriest, III, M.D. Eugene R. Nobles, Jr., M.D.
Gilbert Hermann, M.D. Stuart E. Price, Jr., M.D.

Neurosurgery

Resident: Bernard B. Stone, M.D.

Assistant Residents:
Walter C. Cotter, M.D. Alfred J. Luessenhop, M.D.
Richard L. Rovit, M.D.

Anesthesia

Resident: James L. Vanderveen, M.D.

Assistant Residents:
Norman W. Andrew, M.D. Henning Pontoppidan, M.D.
James A. Flagg, M.D. Leonard J. Rothfeld, M.D.
Phillips Hallowell, M.D. Raymond D. Sphire, M.D.
Ruth C. Haynes, M.D. Albert Van Eerde, M.D.
Mark R. Knapp, M.D. Oscar B. Williams, Jr., M.D.
Betsy A. Ledbetter, M.D. Donald P. Pederson, M.D.—Apr. 1

Orthopedics

Resident:

Thomas L. DeLorme, M.D.

Assistant Residents:

Richard H. Eppright, M.D.
John W. Hayden, M.D.
Melvin J. Glimcher, M.D.
Verner S. Johnson, M.D.
Richard A. Mayo, M.D.
John D. States, M.D.
Shen Kuang Wang, M.D.
Robert C. Detwiler, M.D.—July 1

Urology

Resident:

Frederick G. Shaffer, M.D.

Assistant Residents:

Demetrios A. Papadopoulos, M.D.
Edward C. Parkhurst, M.D.
—July 1

Pathology

Residents:

Leonard Atkins, M.D.
Charles R. Campbell, M.D.
Si-Chun Ming, M.D.

Assistant Residents:

Benjamin D. Canlas, Jr., M.D.
Raymond A. Justi, M.D.
Walter B. King, Jr., M.D.
Dean LaR. Moyer, M.D.
David B. Murray, M.D.
Richard J. Stenger, M.D.
G. Richards Dickersin, M.D.
—July 1
Robert B. McFarland, M.D.
—July 1
Allan B. McNie, M.D.—July 1
William M. Thurlbeck, M.D.
—July 1
Sumner I. Zacks, M.D.—July 1

Neuropathology

Resident:

John O. Strom, M.D.

Assistant Resident:

Francoise J. Robert, M.D.—July 1

Radiology

Residents:

Frederick S. Tomchik, M.D.
Julio Toriello, M.D.
Justin R. Hüppe, M.D.—April 1

Assistant Residents:

Roy J. Barry, M.D.
Fleming McConnell, M.D.
James A. Petersen, M.D.
Majic S. Potsaid, M.D.
Robert S. Richards, M.D.—July 1

Dental

Interns:

Philip S. Gordon, D.M.D.
Norman Trieger, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Saul Aronow, M.D.
Daniel M. Bachman, M.D.
William H. Batchelow, M.D.
William L. Bencze, M.D.
Roger L. Black, M.D.
Mandel Cohen, M.D.
John C. Dalton, M.D.
John Denovian, M.D.
Allan St. John Dixon, M.D.
Nathaniel J. Ehrenkranz, M.D.
Jean P. Fabre, M.D.
Jacques O. Gagnon, M.D.
Charles P. Gansser, PH.D.
Robert B. Giles, Jr., M.D.
Robert S. Grier, M.D.
Willy Hijmans, M.D.
John W. Irwin, M.D.
Stephen M. Krane, M.D.
John W. Littlefield, M.D.
Alden V. Loud
Herbert C. Mansmann, Jr., M.D.
John F. McGinty, M.D.
Mary N. McGovern, PH.D.
Maurice McGregor, M.D.
Roger A. Melick, M.D.
Marc P. Moldawer, M.D.
Robert L. Nielson, M.D.
Patrick A. Ongley, M.D.
Maurice M. Pechet, M.D.
Sholem Postel, M.D.
Edward S. Rendall, M.D.
William E. Reynolds, M.D.
Guillermo C. Sanchez, M.D.
Dieter Schmid, PH.D.
John T. Sharp, M.D.
Madan Singh, M.D.
Gordon B. Smith, M.D.
Robert P. Smith, M.D.
Malcolm Thompson, M.D.
Elbert P. Tuttle, Jr., M.D.
John B. Vander, M.D.
Christopher H. Wood, M.D.
Alejandro K. Yerkovic, M.D.

Dermatology

Nicholas J. Fiumara, M.D.
Franz S. M. Herbst, M.D.
Samut Jatinandana, M.D.
Raymond D. Manchester, M.D.
David V. Mann, M.D.
Myron H. Matz, M.D.

Psychiatry

Robert S. Adams, M.D.
Norman R. Bernstein, M.D.
John W. Donoghue, M.D.
William H. Horwitz, M.D.
Cornelius Lansing, M.D.
Theodore O. Macklin, A.B.
Gisela A. Munzinger, M.D.
Richard R. Peebles, M.A.
Norman M. Prentice
Nancy Rollins, M.D.
Gershen Rosenblum, M.A.
Arnold D. Schwartz, M.D.
Gene M. Smith, PH.D.
Felix S. Vecchione, M.D.
Babette S. Whipple, PH.D.
Irving Wolf, PH.D.
Joseph M. Zucker, M.D.

Children's Medical Service

Mary L. Bertucio, M.D.
Margaret A. Hunt, M.D.
Domenic G. Iezzoni, M.D.
Ping-Shi Yu, M.D.

Physical Medicine

Oswald D. Cinquegrana, M.D.
Sung Jui Liao, M.D.
John J. Lorentz, M.D.
Arthur H. Shears, M.D.
Robert P. Smith, M.D.

Neurology

John S. Barlow, M.D.
Albert C. England, Jr., M.D.
Clare K. Marshall, M.D.
Norman L. Paul, M.D.
Andrés Rosselli, M.D.
Mary L. Scholl, M.D.
John N. Walton, M.D.

Surgery

Otteinrich A. M. J. Hase, M.D.
Jasques H. Lebrun, M.D.
Winifred Wei Liu, M.D.
Anne Wight, M.D.

Neurosurgery

Philippe Benda, M.D.
David R. Bowsher, M.D.
Walter C. Cotter, M.D.
Teruyoshi Hashiba, M.D.
Theodore F. Hueter, PH.D.
John A. Scholl, M.D.

Anesthesia

Aileen K. Adams, M.D.
R. Andjus, M.D.
Henrik H. Bendixen, M.D.
Franca Bonotti, M.D.
William R. Brewster, Jr., M.D.
Michael Cooke, M.D.
Ernesto D'Agostino, M.D.
George Eisenman, M.D.
Felix G. Freund, M.D.
Leon Goldberg, M.D.
Joachim S. Gravenstein, M.D.
Gudrun Helm, M.D.
Dorothy H. Henneman, M.D.
Thomas F. Lohr, M.D.
Olle Lundskog, M.D.
Henry Neiditsch, M.D.
LaRue W. Owen, M.D.
Donald O. Rudin, M.D.
Kurt F. Schmidt, M.D.
Gene M. Smith, PH.D.
Malcolm K. Sykes, M.D.
Albert Van Eerde, M.D.
Thorkild Waino-Andersen, M.D.

Urology

Bu-fei Cheng, M.D.

Orthopedics

Elliott B. Sweet, M.D.

Pathology

Fairfield Goodale, M.D.

Neuropathology

Salomon Hakim
Lowell W. Lapham

Radiology

Leon Beauregard, M.D.
Jack R. Dreyfuss, M.D.
Claude Faribault, M.D.
Charles Gaylord, M.D.
Adil O. Icgoren, M.D.
William M. Tait, M.D.
Chin-chen Wang, M.D.
John L. Cain, M.D.—July 1
Richard G. O'Brien, M.D.—July 1

Biochemistry

Earl W. Davie, PH.D.
Lowell Hager, PH.D.
Helmut Hilz, PH.D.
Mary E. Jones, PH.D.
Harris S. Moyed, PH.D.
Stuart H. Mudd, M.D.
Werner Ritschard, PH.D.
Kenneth J. Ryan, M.D.
Ernst Simon, PH.D.
Yale J. Topper, PH.D.

Physics

Saul Aronow

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 179.

The Ophthalmological and Oto-Laryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE & EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology
Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology
Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

Paul A. Chandler, M.D.
William P. Beetham, M.D.
Virgil G. Casten, M.D.
David G. Cogan, M.D.
Trygve Gundersen, M.D.
Brendan D. Leahey, M.D.

Associate Surgeons in Ophthalmology

Mahlon T. Easton, M.D.
Hugh C. Donahue, M.D.

Assistant Surgeons in Ophthalmology

Albert E. Sloane, M.D.
Edward E. Covitz, M.D.
Paul G. Haire, M.D.
Garrett L. Sullivan, M.D.
S. Forrest Martin, M.D.
Thomas Cavanaugh, M.D.
Earl S. Seale, M.D.
A. William Collinson, M.D.
Carl C. Johnson, M.D.
Abraham Pollen, M.D.
Sumner D. Liebman, M.D.
Harry E. Braconier, M.D.
Henry A. Mosher, M.D.
Karl Riemer, M.D.
W. Morton Grant, M.D.
Charles H. McLaughlin, M.D.
Francis J. West, M.D.
Joseph M. Clough, M.D.

Assistants in Ophthalmology

Henry F. Allen, M.D.
D. Robert Alpert, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
Julian F. Chisholm, Jr., M.D.
Thomas P. Cronin, M.D.
Knud K. Dreisler, M.D.
Edwin B. Goodall, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.
John M. Hill, M.D.
Joseph J. Lo-Presti, M.D.
Irwin T. Mancall, M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Irving L. Pavlo, M.D.

Richard B. Pippitt, M.D.
Charles D. Regan, M.D.
Paul M. Runge, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
William Stone, Jr., M.D.
Robert R. Trotter, M.D.
Bernard H. Zeavin, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology

LeRoy A. Schall, M.D.

Surgeons in Otolaryngology

Charles H. Allman, M.D.
Robert L. Goodale, M.D.
Maurice G. Evans, M.D.
Francis L. Weille, M.D.
Charles I. Johnson, M.D.
Vincent J. Kelley, M.D.

Associate Surgeons in Otolaryngology

Walter J. E Carroll, M.D.
John R. Frazee, M.D.
Joseph Lentine, M.D.
Burton E. Lovesey, M.D.
J. Charles Drooker, M.D.
Herman J. Sternstein, M.D.

Assistant Surgeons in Otolaryngology

Donald K. Lewis, M.D.
Elizabeth DeBlois, M.D.
Daniel Miller, M.D.
Calvin M. Cerrato, M.D.
Frank R. Shlossberg, M.D.
Bernard Zonderman, M.D.
Charles Kent, M.D.
Edward F. Lawlor, M.D.
John E. McKeigue, M.D.
Maurice Ruben, M.D.
Kenneth A. Kazanjian, M.D.

Assistant Surgeon for Plastic Operations

Aram Roopenian, M.D.

Assistants in Otolaryngology

Lawrence S. Hirsch, M.D.
Frederic J. McIntire, Jr., M.D.
George F. Reed, M.D.
William P. Rogers, Jr., M.D.
Morris Swartz, M.D.
John C. Trakas, M.D.
Richard C. Webster, M.D.
Anthony Zovickian, M.D.

One Hundred Forty-First Report of the Trustees

TRADITIONALLY the annual report of the Trustees records in chronological order the more noticeable Hospital events of the year. Since all these events will be mentioned in other parts of the Hospital's Annual Report, the author of this report desires to use a completely unorthodox form—which he expects will never be copied—and plunge into comment upon some of the problems facing the Hospital.

1. During the fiscal period ending on October 1, 1953, the Hospital operated financially better than at any other time for many years. This was due principally to the fact that the number of patient days at the Hospital during the summer months was much greater than usual.

Like a business, a hospital—assuming that patients continue to pay approximately level amounts—operates much better financially with high volume than with low volume. Unlike a business, it does not view an increase in volume with certain satisfaction. If the increase is due to more illness in the community, though the hospital is needed and benefits financially, the cause is a public calamity. If the increase is due to the particular hospital becoming more popular than other hospitals, then the particular hospital may give itself congratulations. If the increased occupancy is due to a shift in the community conduct by which more ill persons are cared for in hospitals and less in the home, then, though the hospital benefits financially, the care provided may be unnecessarily expensive.

It seems probable, though one cannot be certain, that the last situation was the more important cause of the high hospital occupancy in the summer of 1953. Improvement of parking facilities around the Hospital, and cooperation of doctors in "staggering" their vacations may also have had substantial effect.

On account of the financial results in that period, a reserve of $100,000 was set up to meet the anticipated extra cost of the

40-hour week in the year ending October 1, 1954. Though high occupancy continued in the summer of 1954, the reserve was used and is now gone. That year shows a small deficit after using this reserve. The present year will have to stand on its own feet, with the aid of a substantially increased payment for the costs of caring for welfare cases. We hope that as the 40-hour week becomes well established, it will be found to provide substantial increased efficiencies to offset the first impact of its increase in costs.

2. The out-patient department, now called the Clinics of The Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, has been and for some time will be one of our greatest concerns.

Long ago when the out-patient department began it gave to thousands of poor people medical service otherwise unobtainable. The patient paid a small fee or nothing. The busy doctors then, as now, gave their services. Naturally they expected to come to the department and find all the patients waiting in line, or rather sitting on hard benches. The patients bore that discomfort to obtain good medical care. Usually they came early and had to wait several hours for a short interview.

Some of us can remember the day when a fashionable doctor's office hours began at 2:00 P.M. and patients would be waiting in his office until 4:00 or 5:00 in the afternoon before they could see him. The poor were not the only sufferers.

We now recognize that steps must be taken to eliminate this great inconvenience to the public, and at the same time to systematize the flow of patients through the department so that the busy doctors will not lose time, but through better availability of records and closer contact with colleagues will actually work more effectively.

Great care must and will be given to this problem. The doctors are cooperating. The problem cannot be solved in a day. Already, however, many of the hard benches have been displaced and other more vital steps have been taken, such as the modernization of the record room.

3. Improvement of the service in the out-patient department is connected with the steps being taken for providing home care.

Often in the past it was found all too easy when a patient needed some relatively minor attention, to order him into the hospital rather than find out whether circumstances were such or could be made such that he could be properly cared for at home. That unnecessary use of hospital days, since each day is now so expensive, must be radically reduced. It is expected also that home care will give to the young doctors who engage in it most valuable training. The unit doing this work, known as the Family Health Service, has just been established.

4. The organization of the Massachusetts General Hospital Associates, although it represents only a beginning of the study of the problems of doctors' compensation and service, is yet very important because it is a beginning.

The successful doctor of the present day is likely to live through the following cycles. First comes the early starting years when his income is so small that he may be bearing true hardship. Then comes success with rapidly mounting income. A high earned income, however, is one of the chief targets of the Federal Income Tax so that even the successful doctor's savings are meagre. Next this doctor passes his prime. His fortune then becomes uncertain. He is not well protected by Social Security and he has had no means of building a pension fund.

The above biography is not satisfactory and it should be improved. Along with its improvement should go improvement in the medical service given the community.

At The Massachusetts General Hospital up to the present time there has really been no clinic. The doctors have often conferred together but the members of the visiting staff have had their private offices at a considerable distance—an obstacle, especially at times of heavy traffic—from the Hospital and from each other. There has been no established practice governing the reference to a particular specialist of cases involving his specialty.

Many hours of study have been given to the problem of how to amalgamate the Massachusetts General Hospital Staff, including both visiting and full-time men, into a smooth working efficient group.

It is clear, we think, that the workable plan will not spring fully developed from the brain of any genius. Rather through many, often small, succeeding steps the sound solution will be found. Massachusetts General Staff Associates is giving this matter constant attention.

5. Not the least important feature in connection with this clinic is the plan for a Doctors' Office Building on or beside the present hospital grounds to provide offices for all members of the clinic. Such a building would have the enormous advantages of placing the doctor's office beside his hospital, thus eliminating many of his hours now spent in the traffic, and enabling the doctor, at a moment's notice from his office to visit his hospital patient. This building would also place each doctor within easy access of the other doctors when he might most need to consult them. It might or might not provide space to take in the "Out-Patient Department." It would enable the ambulatory patient to see the general practitioner and the specialists in one place. These advantages are so great that one might wonder why the building had not already been built. Probably the Hospital now has adequate land for the building, where the old city stable is located. Also parking space around that area has been improved. There is, however, a staggering problem of the cost of construction in these days when a dollar buys only a small fraction of what it used to buy. Therefore, most careful planning is essential. The doctor must know just what his office rent is going to be. The Hospital must know how many doctors will move into the building. New financing would be necessary because the Hospital does not have funds available for erecting such a building.

These are a few of the problems ahead of the Hospital today.

We will not omit to mention the names of our staff members who have died during 1954 and whom we shall so often miss.

Dr. C. Guy Lane died on March 12. Dr. Lane had been connected with the Hospital since 1919, serving as Assistant Dermatologist, Dermatologist, and Chief of the Department of Dermatology and Syphilis from February 1936 to July 1947 when, having reached the retiring age he was appointed to the Board of Consultation. At the time of his death he held the title Honorary Physician.

Dr. Armin Klein died on April 23. He had served on the Hospital Staff for 25 years, as Assistant Orthopedic Surgeon, Visiting Orthopedic Surgeon, and just before his death was appointed to the Board of Consultation.

Dr. Ira T. Nathanson died on May 3. He had been a member of the staff since February 1942, serving as Assistant in Surgery, Assistant Surgeon, and at the time of his death held the position of Associate Visiting Surgeon.

Dr. John W. Cummin died on July 16. A graduate of the South Surgical Service in 1897, he had served as Chief of the Out-Patient Surgical Service from July 1919 to February 1930. Upon reaching the retiring age he was appointed to the Board of Consultation, and at the time of his death held the title of Honorary Surgeon.

Dr. Francis T. Hunter died on September 7. Associate Physician and Clinical Pathologist at the time of his death, Dr. Hunter had been connected with the Hospital since graduation from the West Medical Service in 1926.

PHILLIPS KETCHUM
ARTHUR W. ALLEN
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the report for 1954, my sixth as General Director.

Two events, hardly apparent immediately, are very possibly the most significant developments this year. One was the organization at long last of the Massachusetts General Staff Associates. The other, the establishment at the Hospital by the Harvard Medical School, through the generosity of The Rockefeller Foundation, of the Family Health Program.

The Associates, after a great many changes of plan, was organized as a Staff group on June 30, when a general meeting of those members of the Staff who had chosen to join the group elected the Executive Board, consisting of Drs. Marshall K. Bartlett, Howard Ulfelder, Joseph S. Barr, Edward F. Bland, Chester M. Jones, Daniel S. Ellis, and Stanley Wyman. Trustee members of the Executive Board are Mr. Ralph Lowell, Mr. Phillips Ketchum, and Mr. Francis C. Gray. The General Director is a member ex-officio. The plan is loose in structure and gives each member of the Associates group a choice as to the activities in which he will take part. Thus, a member may elect to serve, for example, in a contract arrangement for furnishing annual health examinations for the employees of a certain firm or not, as he chooses. The same freedom of choice exists with regard to any opportunities offered the Associates. The principal hope of the group is to occupy a building constructed at the Hospital for the offices of as many members as desire to practice in such a close association with the Hospital. Each member of the Associates will, under the present plan, devote as much or as little time to the Associates' group effort as he finds desirable. A general meeting of the membership in November adopted a resolution asking the Trustees to work closely with the Associates in planning a new Ambulatory Clinic Building.

The Family Health Program will serve a group of families in the neighborhood of the Hospital, acting as family physician for

those who enroll. Medical and nursing care will be provided at home, in the Clinics, or in the Hospital. The enrolled families will be asked to pay as much of the cost as they can. The principal objective of this new Service is to furnish its families the most up-todate, comprehensive medical care, both preventive and therapeutic, that medical science now knows how to provide. The interest of The Rockefeller Foundation is to give an opportunity to Harvard medical students to participate in such a comprehensive scheme of medical care. It is planned to invite fifteen first-year and fifteen third-year students to work in the Family Health Service and to follow, during their entire medical school career, the one or two families assigned to them. This arrangement, it is felt, will give the students an idea of the personal and environmental, as well as the medical problems of patients and thus better prepare them to be practicing physicians.

A staff internist and a staff pediatrician, assistant residents in both medicine and pediatrics, will supply supervision as well as direct service to patients. Closely associated will be public health nursing through the Visiting Nurse Association, medical social service, and any other special medical and allied services that may be required in any case.

The Hospital will benefit enormously, we believe, from these two developments at a time when one of the most pressing problems is how to arrange closer relationship between the hospital and the community. The needs indicated by the growing problems of chronic disease, of more people living to grow old, of emotional and environmental factors in health and illness can, we feel, be met in considerable part through these mechanisms, to the great benefit of the patients concerned and of the physicians and medical students taking part in the efforts. Although no appreciable effects of these programs could be discerned in 1954, it seems probable that they will have, eventually, a vast influence on the Hospital's future.

Of great importance also during the year were several appointments of Chiefs of Service. On July 1, Dr. Erich Lindemann was appointed Chief of the Psychiatric Service and Professor of Psychiatry at Harvard, and on September 1, Dr. Wyland F. Leadbetter was appointed Chief of the Urology

Service. Both Dr. Lindemann and Dr. Leadbetter are well known at the Massachusetts General, having served on the Staff at various times in the past, and we welcome them back here from their most recent, very productive work at other institutions.

Another important appointment took place on July 1, when Dr. Raymond D. Adams, Chief of the Neurology Service, became Bullard Professor of Neuropathology at Harvard. This marks the culmination of a plan started in 1951, at the time of the retirement of Dr. Kubik as Chief of Neurology, to make this position full-time as soon as possible. Similar hopes are held for Gynecology, Urology, and Orthopedics, the only remaining Services at the Hospital whose Chiefs are not full-time. We are particularly happy that the Medical School felt that both our Neurological and Psychiatric Services were important enough in Harvard's medical education to provide the new Chiefs with very substantial financial support. Nothing in my five years here has emphasized as clearly the intimacy and mutual dependence of the Medical School and the Hospital as has the joint effort made by the two institutions with regard to Neurology and Psychiatry.

It is significant as a step toward establishing full-time Chiefs of all Services that an offer of a substantial part-time salary and of an office at the Hospital has now been made to every Chief of Service. It is anticipated that all will accept the offer reasonably soon and that eventually full-time salaries will be provided by the Hospital and the Medical School.

Distinction was given the Hospital during the year by the service of Dr. Orjan T. G. Ouchterlony, Professor of Bacteriology at Gothenburg, Sweden, as Acting Chief of Bacteriology. Dr. Ouchterlony not only carried on important research but most willingly and helpfully tracked down an outbreak of Salmonella infection to its source (a dried food powder).

One of our most notable Staff members, Dr. Joe V. Meigs, Chief of Gynecology, and Chief of Staff of the Vincent Memorial Hospital, gave the principal address at the 100th Anniversary of the Touro Infirmary in New Orleans, Dr. Meigs represented the Massachusetts General Hospital (as distinguished from the

Vincent Memorial) on this occasion, which, at least in part, was a recognition of the early generosity of the Touro brothers to both the Touro Infirmary and the Massachusetts General Hospital. The elder Touro, Abraham, whose portrait hangs in the corridor next to the Trustees' Room, left the Massachusetts General Hospital $10,000 in 1823. His younger brother, Judah, bequested $10,000 each to the Touro Infirmary and the Massachusetts General Hospital in 1854. On the latter occasion, the Trustees adopted the following resolution:

> "More than thirty years ago there died in this city one, of Jewish faith and parentage, who bequeathed to this institution the sum of $10,000. The name of Touro has thenceforth been familiar to us as that of one of our chief benefactors. And now another of the same name and lineage, an eminent merchant, who for fifty years has resided in the distant city of New Orleans, has, by like liberal bequests, remembered the home of his own youth and its various charitable institutions which were the objects of his brother's bounty: therefore —
> "Voted, That the Trustees, in accepting the legacy of the late Judah Touro, recognize in it an act prompted by fraternal love and a philanthropy not confined within the narrow bounds of time, place, or sect."

Dr. Meigs received well-deserved honors earlier in the year, too. While in Scotland, during the summer, he was given an Honorary Fellowship in the Royal College of Surgeons of Edinburgh, and while in London, an Honorary Fellowship in the Royal College of Obstetricians and Gynecologists. He also was given an Honorary Fellowship in the Swedish Medical Society during the year. These are all honors rarely bestowed on any one from another country, and Dr. Meigs is to be congratulated on this well-deserved recognition of his accomplishments.

The retirement of Dr. Stanley Cobb as Chief of Psychiatry on June 30 meant the loss of the active services of one of the Hospital's most distinguished leaders. Dr. Cobb, indeed, in a very real sense was responsible for the establishment of a Psychiatric Service at this Hospital and his accomplishments and those of his associates under his leadership have brought the Hospital international recognition in this field. We are glad that Dr. Cobb will remain active in the neuropathology labora-

tory here and wish him many years of enjoyable and interesting life. His influence in the Hospital extended far beyond his own Service and in the last few years, as Chairman of the General Executive Committee, he was a steady and thoughtful guide through changing and sometimes difficult times.

Another retirement was that of Dr. Fletcher Colby as Chief of Urology, a position he had held since 1945. He remains in active practice and will in many ways be helpful to the Hospital and to his successor, Dr. Leadbetter.

Several opportunities for patients paying private professional fees to obtain special services at the Hospital have now been made available by the Trustees. Among these are the Hand Clinic, the Occupational Medical Clinic, the Amputee Clinic, and Radiology. In keeping with the spirit of these changes, the Trustees, in agreement with the Board of Managers of the Massachusetts Eye and Ear Infirmary, voted to change the name of the Out-Patient Department to "The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary".

Several of the staff were given leave of absence during the year to undertake important outside assignments. In particular, Dr. Edward D. Churchill went to Lebanon and Syria at the invitation of the Department of State under the International Educational Exchange Program; Dr. Walter Bauer lectured in Argentina; Dr. Dean Clark assisted in a health survey of Alaska conducted by the University of Pittsburgh School of Public Health under contract with the U. S. Department of the Interior; Dr. Allan Butler was given sabbatical leave for study and writing.

The most important changes in the physical plant were the completion of the renovation of the Bulfinch Yard, through the generosity of Mr. John R. Macomber, with beautiful new planting and an excellent tennis court, and the starting of construction of a new medical science building as a wing of the Baker Memorial, extending to Charles Street next to the Phillips House. This will be completed about January 1, 1956, at a cost of nearly $2,000,000 and will house laboratories and offices for Pathology on three floors, and Dermatology, Neurology,

and Psychiatry, on one floor each. The foundations will be constructed with strength enough to support six additional floors, should it later prove desirable to add these for patient care.

The Massachusetts Eye and Ear Infirmary began an addition of three floors to the Connecting Building to be occupied by its research laboratories.

Other renovations and improvements in the Hospital included the east portion of the fourth floor of the Bulfinch Building for laboratories and offices for Drs. Chester Jones and Fuller Albright; the first floor of the Bulfinch Building for the office of Dr. Bauer; construction of a small addition to the laundry; and installation of conductive flooring in the Baker Memorial operating rooms. Authorized also were a complete renovation of the Record Room, new electrical tie lines looking toward the ultimate goal of putting the entire Hospital on alternating current, and a new roof for the Bulfinch Building.

Three neighborhood projects, in varying states of progress, wil be of the greatest importance to the Hospital. The closest, geographically speaking, is the prospect of the Hospital's acquiring, when no longer needed by the City, the North Mortuary, the remaining sections of Fruit Street and North Grove Street, and Parkman Street between North Anderson and North Grove Streets. The legislature authorized this transfer in a special bill adopted during the year. Second in immediate importance is the construction of an MTA stop at Leverett Circle, also authorized by the legislature upon the urgent plea of our neighbor, the Boston Museum of Science, with some assistance from us. The third, and ultimately the most important, is a plan proposed by the Urban Redevelopment Section of the Boston Housing Authority for the complete demolition, excepting only a few buildings of historical interest, and redevelopment into modern apartment houses, parks, and schools of the West End. The area involved is adjacent to the Hospital and is bounded by the following streets: Allen, Blossom, Cambridge, Staniford, Lowell and Charles. Funds were appropriated by Congress this year to further the planning of this development. When and if completed, it will, of course, com-

pletely change the character of our neighborhood and will doubtless affect materially the entire functioning of the Hospital. For one thing, it will make more urgent and appropriate than ever the construction of the new Ambulatory Clinic Building for the Massachusetts General Staff Associates and, very possibly, the Hospital's Clinics. If we could only obtain the property of the Suffolk County Jail, the future of the Hospital's physical plant with adequate space for all its operations and for parking would be assured for many years to come.

We record with sorrow the deaths of the following staff members: Dr. C. Guy Lane, Dr. Armin Klein, Dr. Ira T. Nathanson, Dr. John W. Cummin, Dr. Francis T. Hunter, and Dr. Eli C. Romberg.

During the year several appointments of note were made. Drs. Stanley Cobb, Charles S. Kubik and Judson A. Smith were appointed to the Board of Consultation. Dr. Chester M. Jones was appointed Consulting Visiting Physician, and Dr. Carl A. L. Binger, Consulting Visiting Psychiatrist; Dr. Oscar Hirsch, Consultant in Neurosurgery; Dr. Charles M. Fisher, Associate Neurologist; Dr. Mahlon B. Hoagland replaced Dr. Robert L. Berg as Assistant to the General Director for Research and Education; and Joseph W. Degan recently joined the administrative staff as an Assistant Director.

Miss Mary Ruth Wolf was appointed Director of the Volunteer Department in October, 1954. During the past year 475 volunteers gave over 48,000 hours of valuable service in 25 different areas of the Hospital.

Dr. Leon R. Lezer, who had served as Assistant Director from 1950 through July 31, 1954, resigned to accept an appointment as Assistant Professor of Preventive Medicine at the College of Medicine, Burlington, Vermont.

Dr. John W. Raker, Assistant in Surgery, resigned to accept a position as Chief of Surgery at the Pennsylvania Hospital in Philadelphia.

Dr. Ivan D. Frantz, Assistant Physician, resigned to become Research Professor of Medicine at the University of Minnesota Medical School, and Dr. Henry H. Brewster, Assistant Psychia-

trist, has accepted an appointment as Assistant Professor of Psychiatry at Western Reserve Medical School in Cleveland.

Drs. Robert H. Fennell and David Kahn, Assistant Pathologists, resigned.

As always, a review of the year demonstrates that although the activities and emphases vary from time to time, the fundamental objectives of the Hospital remain unchanged except as they are expanded to meet the broader horizons of present day medical care. Briefly, these objectives are to care for the sick, to provide for the training and teaching of future doctors, nurses and other allied workers in the health field, to encourage research, to advance the development of new knowledge and methods of preventing disease, to extend the Hospital's services into the community through the Family Health Program, and to assist the disabled and handicapped patient to self-independence through rehabilitation.

Respectfully submitted,

DEAN A. CLARK, M.D.
General Director

Annual Report of the General Executive Committee

AS the Hospital increases in size and complexity, so do the problems which confront the General Executive Committee. Each year brings with it a new set of considerations which affect the three major facets of the Hospital's existence—care of the patient, the education of physicians and members of associated health professions, and research on the nature and cure of disease.

There is concern always that the natural balance between these three elements be preserved since their mutual interdependence in a teaching hospital has long been recognized. Nevertheless, there have been periods in the history of the Hospital when, for various reasons, emphasis on one area has temporarily disrupted the equilibrium in total development. Certainly the years following World War II saw a great resurgence in research activity, which was reflected in new research construction and in the acquisition of funds and personnel for activities related to research. The past year, 1954, may well be recorded as one in which another shift of emphasis took place, for it marked the beginning of several important undertakings in patient care and professional practice. The Massachusetts General Hospital Staff Associates was launched, the Family Health Program came into being, and significant changes took place in the newly named Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary. It is gratifying to be able to report that while these undertakings related to patient care were evolving, concurrent progress was made in relation to teaching and research.

In the research area, gains made during the past few years have been consolidated and new endeavors begun. In the bricks and mortar department, several important projects were started or are nearing completion. Ground was broken for the Medical Science Building which will house the Department of Pathology and important units of the Dermatology, Neurology and Psy-

chiatry Services. These units will be concerned with all aspects of investigation, patient care and teaching. On the fourth floor of the Bulfinch Building, Drs. Albright and Jones can look forward to the use of renovated offices and laboratories.

During the year, there were some most significant appointments to the staff. Dr. Erich Lindemann became Chief of the Psychiatric Service, while the post of Chief of Urology was taken over by Dr. Wyland F. Leadbetter. Dr. Raymond D. Adams, Chief of the Neurology Service, became Bullard Professor of Neuropathology at Harvard. These changes are important, not only because of the stature of the individuals concerned, but also because they are consistent with the Hospital's policy of establishing full-time Chiefs of all Services with offices in the Hospital.

Other additions to the Hospital staff include Dr. Charles Miller Fisher as Associate Neurologist and Dr. Carl A. L. Binger as Consulting Psychiatrist, Dr. Orjan Ouchterlony, Professor of Bacteriology, Medical School, Gothenburg, Sweden, spent the year with us as Visiting Bacteriologist. Losses from the staff by death, resignations and retirement also occurred during the year and are recorded in full in the Report of the General Director. One of particular interest was the appointment of Dr. John W. Raker, Assistant in Surgery, as Chief of Surgery at the Pennsylvania Hospital. This serves again to emphasize the long and close association of two of the earliest hospitals to be established in the United States—an association which is also marked, among other things, by twelve years of joint operation of the Hall-Mercer Hospital for psychiatry, one branch of which is located at the Pennsylvania Hospital and the other at the Massachusetts General.

The house staff on all Services came in for more than its usual share of consideration. These young physicians bore the brunt of the impact of the high patient census, directly attributable to the hospital's more liberal admitting policy. This increase in patient load came at a time when the pressures of military service were being felt in all departments. A number of proposals to insure a continuing high level of patient care in the face of a rising patient population are under study as

they affect the house staff. Likewise, recognition was given to the sometimes precarious financial position of the resident staff. It was voted that in instances where a member of the house staff was in a position to obtain supplementary financial aid in the form of a fellowship, the Chief of the Service shall submit a letter to the General Executive Committee requesting approval for him to receive it. The Committee recognizes the very real problem posed by the relatively low salaries paid to the house staff and hopes to assist in any manner which neither interferes with the primary activities of the individual as a member of the house staff nor places him in an awkward position in relation to fellowship obligations.

With regard to matters of professional practice, the action taken by the Committee may result in some far-reaching consequences. If one accepts the thesis that the Hospital assumes the obligation to provide the best possible care for all those who present themselves for treatment according to their ability to pay, it becomes evident that this applies equally to hospitalized and ambulatory patients, and to a lesser extent to patients in the home. To do this efficiently, some of the artificial barriers which have traditionally separated clinic and private patients need revision. Beginnings are evident in this direction. In the Amputee, Occupational Medicine, Child Psychiatry and Hand Clinics, private ambulatory patients may now be seen by groups of specialists whose joint opinion is needed for solution of the medical problem at hand. Members of the Department of Radiology have been authorized to accept professional fees from private ambulatory patients as is the case with other full-time members of the clinical staff.

Under the aegis of the Massachusetts General Staff Associates, a limited number of comprehensive health examinations were again performed by staff members as a further experiment in professional practice. This year's experience in this area of medical care was confined to the same group of executives initially examined in 1953. Early in 1954, Dr. John D. Stoeckle was given the first full-time clinical appointment in the Clinics

in the Hospital's history. He is now serving as Director of the Medical Clinic and has succeeded in improving the general level of care of clinic patients in this busy department. Satisfactory solutions of some of the problems presently encountered in the care of this large group of ambulatory patients are not unlike those which confront the Massachusetts General Staff Associates.

All these innovations relating to care and professional practice indicate the growing trend to consider all the activities of the Hospital as a unit. Future development along these lines will depend to a large extent on how the Massachusetts General Staff Associates evolves. The nature of facilities in the proposed new Clinics Building will necessarily affect both private practice and clinic practice.

Medical education continues to be an area of constant concern to the Committee. During the year, a steady flow of young physicians on a training status came to the Hospital for study. The Committee again urged the use of the private pavilions by all Services as a valuable teaching forum. The Medical School approved the voluntary assignment of fourth-year students to these wards. The Family Health Program will come to be a valuable addition, not only to patient care but also to medical education as a demonstration unit for teaching the social problems which accompany illness in the family setting.

A final consideration involves the sometimes staggering load of administrative detail which falls to the various Chiefs of Services as the Hospital continues to grow in size and complexity. The Committee itself is ever mindful of the importance of keeping abreast of the many matters of policy which need consideration. One might ask at this stake, "How big is too big?" While it is not within the province of the General Executive Committee to attempt to answer this question in definite fashion, it is a problem requiring continuous reevaluation. An immediate solution is to draw on a larger segment of the professional staff to serve on the committees and the study units appointed yearly. This policy not only distributes the administrative load

more equitably, but also offers an opportunity for more of the professional staff to acquaint themselves with the Hospital's many problems and to aid in their solution and in the institution of future policy.

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DEAN A. CLARK, M.D., *Secretary*

Report of the Committee on Research

THE Massachusetts General Hospital has undergone a rapid expansion in its research activities during the past ten years. In 1951 it saw the construction of a new building devoted almost entirely to fundamental research, and now a new medical science building is beginning to rise in its midst. During the past year it has been proud to see one of its scientists, Dr. Fritz Lipmann, who has worked at the Massachusetts General Hospital since 1941, receive the Nobel Prize for his important contributions to our understanding of the biochemical mechanisms of synthetic reaction. Through its Research Committee, the Hospital has observed and encouraged this expansion with a growing awareness of its participation in a new blending of pure science and medicine.

It is felt that here at the MGH the gathering together of widely divergent scientific disciplines, in close proximity to clinical activities of the Hospital, will be of increasing benefit to the advancement of medicine. As the past two annual reports of this Committee will attest, however, this new arrangement brings with it new problems. Chief among these is the academic status and opportunity for advancement for full-time research investigators in this new environment. A good many of these scientists find themselves in a new milieu in which they neither fit the conventional academic mold nor the clinical mold of the hospital. Attempts have been made to classify and dignify this new research partner by providing a title and rank in the hospital framework, but his chief recompense has been his relatively greater time for research, and in some cases his better salary, as compared to the investigator within the university. The possibility of eventual tenure positions for a few of the ablest investigators, with a resultant benefit to both scientists and the Hospital, is still being sought actively by the Research Committee. This was the chief topic of discussion at the Scientific Advisory Committee meetings this year.

Discussion of these problems has proceeded during the last year with the academic institutions most closely involved; that is, with the Harvard Medical School and the Massachusetts Institute of Technology. It is understandable that these institutions might give preference in promotions to personnel in their regular departments who are undertaking heavy teaching responsibilities. Attempt has been made to encourage a broadening of our concepts of teaching to include the large volume of postgraduate teaching carried on in the Research Units of the Hospital. Since department heads at the Hospital are Harvard Faculty members, they wish to see their able younger colleagues offered opportunity in the same institution. On the other hand, for those investigators working in borderline or new research areas not well formalized as yet in university academic frameworks, it is clear that the Hospital will have to create certain positions or lose seriously in the end. Thus, the Committee is deeply involved in this problem as it attempts, in its advisory capacity to the Trustees and investigators alike, to weigh wisely the issues.

Closely related to the foregoing discussion is the formal adoption by the Massachusetts General Hospital of an eleven-year rule applicable to research scientists not bound by the eleven-year policy of the Harvard Medical School. This rule is thought to be the best protection for both the Hospital (preventing the accumulation of personnel for whom tenure posts are not available) and the investigator, who is thus given a firm commitment or sufficient time to seek a post elsewhere. The rule is not rigid and promotions after the eleventh year will be considered on their individual merit by separate ad hoc committees.

The permanent membership of the Research Committee was increased to include Dr. Fritz Lipmann, in view of his important and unique relationship to the research activities of the Massachusetts General Hospital.

The hopes of the Research Committee to establish a Pharmacological Unit at the Hospital to deal with problems relating to the clinical application of new drugs had to be temporarily abandoned when Dr. Douglas Riggs accepted a position else-

where. Effort is underway at present to obtain financial backing for such a position so that a new candidate may be sought.

The Infectious Disease Unit is similarly without a chief at present, though the post was temporarily filled this year by Dr. Orjan Ouchterlony, Professor of Bacteriology at the University of Gothenburg, Sweden. His initial support prior to his receipt of a Public Health Service Grant was from the Research Fund.

The acceptance by Dr. Ivan Frantz of a professorship at the University of Minnesota was both a serious loss and a source of pride to the Hospital, and the position of Head of the Cardiovascular Research Laboratories is as yet unfilled.

The raising of more long term endowment for hospital research and postgraduate teaching has received much attention this year, and a number of smaller foundations have been approached with this purpose in view. This will be a field of increasing importance in the future. The financial soundness of the Research Fund has been a matter of concern during the past year. Pharmaceutical house donations of unrestricted money continue although a number of companies are now giving money for the support of individual investigators or specific projects. The idea of improving liaison between Hospital and pharmaceutical companies by "flying squadron" visits of hospital investigators to the drug companies to discuss work of mutual interest and vice versa, has been put into effect this year.

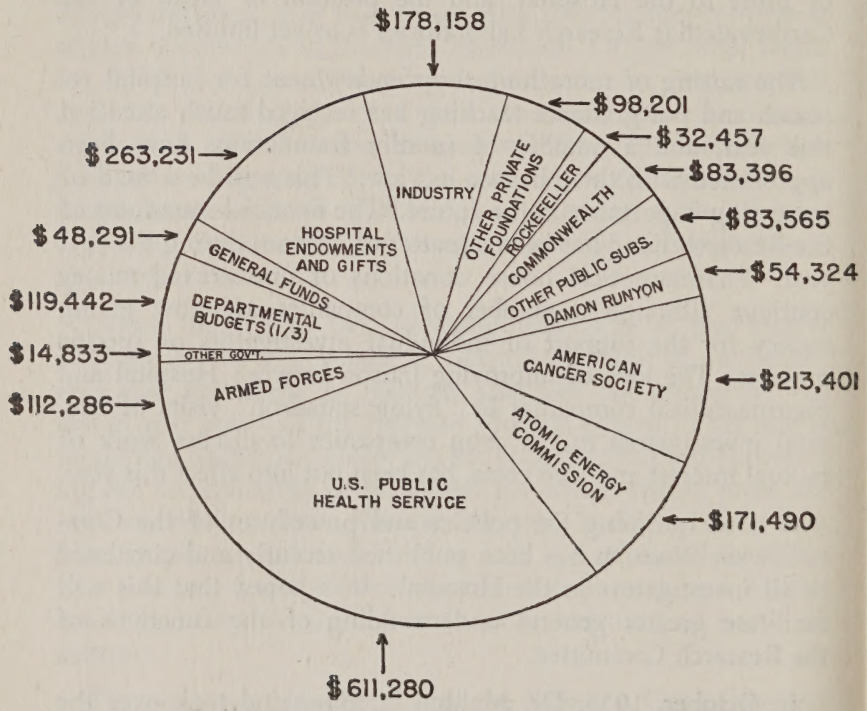
A book outlining the policies and procedures of the Committee on Research has been published recently and circulated to all investigators in the Hospital. It is hoped that this will facilitate greater general understanding of the functions of the Research Committee.

In October, 1954, Dr. Mahlon B. Hoagland took over the reins as Assistant to the Director for Research and Education, replacing Dr. Robert L. Berg, who is to devote full time to his own research activities.

PAUL ZAMECNIK, M.D.
Chairman
Committee on Research

TOTAL RESEARCH EXPENDITURES – 1954

$2,084,355



Report of the Vincent Memorial Hospital

DR. JOE VINCENT MEIGS has resigned, effective July 1, 1955, from his triple position as Chief of Staff of Vincent Memorial Hospital, a position held since 1929, Chief of the Gynecological Service of the Massachusetts General Hospital, and Clinical Professor of Gynecology at Harvard Medical School, each held since 1942.

While Doctor Meigs will continue his extensive private practice, July 1 will end his time- and energy-consuming administrative duties with the three institutions. In recognition of his distinguished and devoted service in the field of gynecology, he has been appointed, effective upon his retiremnt, Consulting Visiting Gynecologist at the Vincent Memorial Hospital and Consulting Visiting Surgeon at the Massachusetts General Hospital.

A Joint Committee of our Trustees, Trustees of the Massachusetts General Hospital and the Dean and some of his associates at the Harvard Medical School spent many months selecting a candidate to recommend to their institutions as Doctor Meigs' successor in his several positions. After country-wide consideration of possible candidates, Dr. Howard Ulfelder, for thirteen years Doctor Meigs' associate on our hospital staff, has been unanimously and enthusiastically named to succeed Doctor Meigs, and Doctor Ulfelder has accepted. We welcome Doctor Ulfelder as our Chief of Staff elect.

While we shall sorely miss Doctor Meigs' warm personality and the international repute which he brought to our hospital and city, we look forward confidently to a devoted and able administration by his successor.

The hospital year ended last September 30 was a trying one financially as seen in the Treasurer's report. We are so dependent on the patient census and general hospital administration provided in large part by the Massachusetts General Hospital that our financial results are importantly affected by its day-to-day decisions. Massachusetts General Hospital is well

aware of its responsibilities to Vincent in this regard. We believe that the current and, even more, future years will be beneficially affected by increased efficiency in Massachusetts General Hospital operating procedures, and by improvements in rates to be paid by public authorities and other organizations, so that once more our deficit may be within the amount of the annual gift so generously provided by the skill and devotion of the officers and members of the Vincent Club, now more important to us than ever. This gift last year was $35,000!

Dr. John B. Graham, Director of our Laboratory and Mrs. Graham have the principal responsibility for the administration of an American Cancer Society grant of $103,164 to Harvard Medical School for the investigation of radiation resistance and sensitivity in the treatment of cervical cancer, in cooperation with four other Boston hospitals, thus continuing on a more important scale their investigations pursued so skillfully over the last several years.

Dr. Janet McArthur is making an important contribution in her continuing research in female endocrinology, bearing on fertility.

The Hospital in its three functions of patient care, research, and teaching is functioning efficiently and usefully.

LOUIS CURTIS, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dr. Dean A. Clark, *Director*
Dr. Joe Vincent Meigs, *Chief of Staff*

Dr. Maurice Fremont-Smith
Dr. John B. Graham
Dr. Thomas H. Green, Jr.
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott
Dr. Fred A. Simmons
Dr. Howard Ulfelder

Dr. John B. Graham, *Director, Vincent Memorial Laboratory*
Dr. Ruth M. Graham, *Director of Cytology Laboratory*
Miss Mary E. Quinlan, *Asst. Director of Nursing*
Miss Gertrude Parkhurst, *Supervisor of Nursing*

The Vincent Memorial Hospital

THE year 1954 has been a most satisfactory one. The hospital and the laboratory have never been busier. It is already apparent that our space for laboratory investigation is not sufficient. The ward has been fully utilized and the variety of cases seen and treated has been extremely varied so that the teaching of our House Officers and Residents has been above expectations. The private floor has been nearly full, except for the summer months when vacations by Staff members have of necessity lowered the census. The Vincent Memorial Hospital training is in great demand by the Resident Surgical group of the Massachusetts General Hospital.

The laboratory is an actual beehive. There are many technicians, students, and research workers. The number has now become so great that there is interference at times and it is obvious that more space must be found if we are to keep up with the increasing number of problems that require study. The Harvard Medical School has been made administrator of a very large grant of money from the American Cancer Society that is being used in a group attack upon the problem of cancer of the cervix. The approach to the problem was conceived by Dr. and Mrs. John B. Graham and the grant of money is to allow study of a method and selection of patients for surgery or for radiation, depending upon the reaction of normal structures to radiation. The decision as to the type of treatment is made in the Vincent Memorial Hospital Laboratory by the Doctors Graham and their staff. It has been a most important event, as for the first time in Boston's medical history four hospitals have joined together in a concerted study. All the gynecologists and the radiologists in the four institutions have combined, and a universal method of investigation and treatment has been accepted. The Free Hospital for Women, the Peter Bent Brigham Hospital, the Pondville Hospital (Massachusetts Department of Public Health), and our own hospital are united in this excellent and important undertaking. It has meant a great increase in the amount of work being done by our laboratory and a most

formidable undertaking for Drs. John B. Graham and Milford Schulz of the X-ray Department of the Massachusetts General Hospital. Their willingness to undertake this task is very heartening.

Dr. Janet W. McArthur and Dr. Francis M. Ingersoll are continuing their work on glandular deficiencies in the female and their investigations have grown so as to include scientists at the Harvard Medical School. Their need for blood for use in this work has been publicized in an appeal to all members of the Vincent Club.

The Staff of the hospital has remained the same. We announce with great pleasure that Mrs. Ruth M. Graham is now Dr. Ruth M. Graham, having been given (last June) an honorary degree of Doctor of Science at the Women's Medical College of Philadelphia. This delights us all and is a well deserved honor.

The publications of the Staff have been numerous and the contributions excellent. A recent book has been published under the editorship of Dr. Meigs. This book, called "Surgical Treatment of Cancer of the Cervix" and published by Grune and Stratton, Inc., is a compilation of papers on the subject by various authors and it is my belief that all of the doctors from other countries who have written a section for this book have at one time visited here at the Vincent Memorial Hospital. This contribution is the only one of its kind in the world. Among other publications by the Staff is a monograph by Dr. Fred A. Simmons on sterility problems. This book has had excellent reviews.

As usual the Staff of the hospital wishes to acknowledge the great aid and necessary help that always seems to come from the Vincent Club. Our Board of Trustees and Board of Managers have given us wonderful support and we are very grateful.

It is my pleasure to announce that Dr. Howard Ulfelder has been selected to succeed to the position of Chief of Staff of the hospital on July 1, 1955, and is soon to be appointed to a suitable position at the Harvard Medical School. Dr. Ulfelder has been one of my assistants for many years, our association going

back before the War. He is able, wise, a good executive, an excellent surgeon, and—best of all—a most delightful person. His work and his care of our cherished hospital will be the very best that we can hope to obtain.

The Board of Trustees of the hospital has given me, after 27 years as Chief, the title of Consulting Visiting Gynecologist and I am very pleased. I am sure that my association with the hospital as a Trustee and as a member of the Staff will be very pleasant and I look forward to making full use of my privileges in my new capacity for many years. It has been a wonderful 27 years, and I will never cease to be grateful to the hospital and the Club for all it has done for me.

Joe V. Meigs, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

THE monthly meetings of the Board held in the Vincent Room at the Hospital are well attended. Dr. Dean A. Clark, Director of the Massachusetts General Hospital, and Dr. Joe V. Meigs, Chief of Staff of the Vincent Memorial Hospital, have spoken to us at several of these meetings. It is interesting and stimulating to hear about the future building plans of the Massachusetts General Hospital, its innovations, and the recent discoveries of the Vincent Research Department.

The Annual Meeting of the Massachusetts Hospital Association was held in Boston in January. Mrs. Augustus Thorndike, through the Coordinating Committee of the Massachusetts General Hospital, represented us at this meeting. She was the leader of the session on "Auxiliary Activities and Fund Raising." Another member of our Board, Miss Dorothy Rackemann, was a member of the panel on "Volunteers in Hospital Auxiliaries."

Our Board was represented by Mrs. Thorndike, Mrs. Paul G. Courtney and Mrs. Thomas H. Lanman at the New England Hospital Assembly held in Boston in March.

Mrs. Nelson W. Aldrich was elected President of the Board of Trustees of the Vincent Memorial Hospital at their annual meeting in February. We are happy to welcome her to our Board. She succeeds Mrs. Henry McB. Parker who has been and continues to be a devoted worker for the Hospital. We are also pleased to have as new members, Mrs. Samuel S. Drury, Jr., Miss Jane S. Megrew and Mrs. James F. Hunnewell, President of the Vincent Club.

In September a two weeks' refresher course in gynecology was given at the Hospital, to which doctors came from all parts of the United States and from some foreign countries. The Board gave a small tea for these visiting doctors and their wives.

The Vincent Hospital Family was entertained at a morning

coffee party in November. About eighty attended this pleasant get together.

The Board gave twelve much needed bed tables for the rooms on the third floor of the Hospital.

Our principal work is visiting the patients. A member of the Board goes weekly, sometimes oftener, and special effort is made to make holidays festive and pleasant.

Miss Ruth Poules, the former Supervisor, has gone to the Baker Memorial. Miss Mary Quinlan is now the Assistant Director of Nursing Service for Vincent-Burnham and Miss Gertrude Parkhurst, Gynecology Nursing Supervisor for Vincent floors, two and three.

Respectfully submitted,

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Report of the Department of Pathology

OBVIOUSLY the highlight of 1954 for the Pathology Department was the breaking of ground on November 8 for its new home. We should be completely ensconced in our new quarters by the spring of 1956, in what will be called the Medical Science Building.

There were many staff changes. Dr. Robert H. Fennell resigned to become Assistant Professor of Pathology at the University of Pittsburgh and Associate Pathologist at the Magee Hospital. The latter is primarily an obstetrical and gynecological hospital and his interest in this field, developed with his close association with the Vincent Memorial group, should make this a valuable post for both him and the hospital. He is now finishing his studies on carcinoma in situ of the cervix.

Dr. David S. Kahn, after five years' service as Assistant Resident, Clinical and Research Fellow, and Assistant Pathologist has taken the position of pathologist to St. Mary's Hospital in Montreal and will be on the faculty of McGill University Medical School. For the past two years Dr. Kahn spent half time handling the pathology of the Arthritis Laboratory, and has given generously of his time to instructing Fellows and Residents on both the Arthritis and Orthopedic Services. He is finishing his studies dealing with muscle biopsies in hypertension, follow-up of patients with hyperparathyroidism, peculiar changes of the fingers in rheumatoid arthritis, and, with Dr. Elliot Sweet of the Orthopedic Service, a study of the development of tissue in cup arthroplasty of the hip.

Three members of the Resident Staff left to take permanent positions: Dr. Robert O'Neal as Instructor in Pathology at Washington University in St. Louis; Dr. Gordon LaZerte, as Associate with Dr. Paul Kimmelstiel in Charlotte, North Carolina; and Dr. Alexander Ritchie as Assistant Professor of Pathology at McGill; Dr. Remedios Rosales completed her training in both general pathology and neuropathology and will return to Manila as the first and only Philippine neuropathologist certified by the American Board of Pathology.

It was very pleasant to welcome back to the laboratory Drs. Austin L. Vickery and Robert E. Scully, both of whom had spent two years with the Army at the 406th Medical General Laboratory in Tokyo. This station is the laboratory clearing house and medical research center for the entire Far Eastern Theater and their experience was very worth while. Both men worked on several research problems: Dr. Vickery studied the histochemical localization of Dextran in Korean battle casualties and wound healing sequences in the normal and anuric battle casualties. Dr. Scully worked on fat embolism and also on the muscle changes in ischemia secondary to trauma and vascular injury in wounded soldiers. Since their return Dr. Vickery has already become absorbed in problems with members of the Thyroid Clinic and Dr. Scully with members of the Vincent Memorial group.

With the financial help of the family and friends of Mr. Edwin S. Webster, a former Trustee of the Hospital, the Edwin S. Webster Laboratory is to be set up in the new pathology building. This laboratory will be devoted to the study of tissue ultrastructure making use of electron microscopic, tissue diffraction and other related techniques. To direct this unit, we have been fortunate in obtaining Dr. David Spiro, a well trained pathologist who has spent the past three years with Dr. Francis O. Schmitt at M.I.T. He has already joined our department as of July 1, 1954, but is using and will continue to use the equipment at M.I.T. until our building is ready.

Other members of the laboratory have continued with their projects. Dr. Morgan presented evidence that Mikulicz's disease of the salivary gland may be a manifestation of Sjogren's syndrome. His study on the Golgi apparatus and Dr. Agnes Burt Russfield's and Dr. Richard Cohen's endocrine and histochemical studies are progressing satisfactorily. Dr. Fairfield Goodale with Dr. Robert Shaw of the Surgical Service have developed a functional examination of the post-mortem heart by perfusing the cardiac chambers, obtaining pressure volume curves, and ascertaining the actual competency of the valves. Dr. Leonard Atkins is collaborating with Dr. Edward Benedict on a correlative study of gastric biopsies. Dr. Si-Chung Ming with Dr. Kahn is reviewing a large series of cases of periarteritis nodosa.

Since the end of World War II we have had many requests from the readers of the Case Records to supply them with lantern slides of X-rays, gross specimens, and photomicrographs to go along with the cases as published in the *New England Journal of Medicine*. With the support of the United States Public Health Service we inaugurated this project in February, limiting it to one hundred subscribers. These include groups such as medical societies, medical clubs, and schools in almost every state and in twelve foreign countries. In 1955 we plan to have the subscribers pay the full cost and not ask for further support from the government.

The statistics of the diagnostic examinations follow:

	1953	*1954*
Autopsies performed	784	814
Percentage on cases dying in MGH	65	68
Surgical specimens	10,842	12,312
Microscopic preparations	63,734	63,968
Cytologic smears examined	8,924*	9,548

BENJAMIN CASTLEMAN, M.D.
Chief,
Department of Pathology

*Corrected figure.

Report of the Medical Laboratories of the Collis P. Huntington Memorial Hospital

IN the last few years we have discussed our methods of studying the cancer problem and the progress that has been made. Our viewpoint towards cancer research remains unchanged for we think it is a proper approach. These laboratories have continued this approach during the past year both by studying therapy on cancer in the human being and by continuing painstaking, fundamental work on the growth and activity of normal and neoplastic cells.

During the past year the endocrine laboratory, under the direction of Dr. Engel, has continued to accumulate data on the relation between urinary excretion levels of individual steroid compounds and the presence of malignant disease. In addition, the effects of endocrine gland removal and/or steroid hormone therapy on steroid excretion patterns have been investigated.

Studies on estrogens have been pursued from several directions. It has been demonstrated that the conversion of estradiol (or estrone) to estriol occurs readily in the human being in the absence of both the gonads and the adrenal cortex. In collaboration with Drs. Savard and Dorfman of the Worcester Foundation for Experimental Biology, Dr. Baggett has recently been able to show that human ovary is able to convert testosterone to estradiol. This observation establishes one pathway for estrogen biosynthesis. Although this may appear to be a novel route for estrogen formation, it is supported by an impressive body of circumstantial evidence.

Considerable progress has been made in the isolation of a new fluorogenic phenol from urinary extracts. This substance has been prepared in a highly purified form but has not yet been crystallized or identified.

Among the studies done by the clinical group of the Hunting-

ton Laboratories, is a study of 110 patients with benign and malignant tumors of the breast completed by Dr. Baker. These patients were given intravenous injections of radioactive potassium and the lesions were then surface counted and compared with identical sites in the opposite normal breast. It was found that 8 out of 10 breast cancers showed considerable increase in radioactive potassium uptake when compared to the normal, uninvolved side. These differences were not found with benign tumors. Since 2 out of 10 patients did not show these results, this was not considered to be satisfactory as a diagnostic test. Also, it was hoped that this procedure might give us some measure of hormonal effect in carcinoma of the breast, and so 10 patients were given the radioactive potassium at intervals during treatment with estrogens, X-ray, and the combination of X-ray and estrogens. When the therapy was effective and there was a noticeable shrinkage in the tumor mass, the radioactive potassium uptake decreased. The decrease in uptake, however, did not precede the observable clinical effect, but merely paralleled it, and thus this did not seem to be a practical method of predicting the results of therapy in carcinoma of the breast.

Dr. Sohier and his group have continued to do studies on red cell survival. They have found that most patients with cancer did not show a shortened red cell survival, but when the cancer involved the body diffusely there was a noticeable decrease in the red cell survival, sometimes to as short a period as 60 days. It is possible that when the patient became overwhelmed with malignancy there was either something withdrawn from the plasma which was necessary for the integrity of the red cell, or something adsorbed on the cell surface as a result of the growth of the cancer cell. These possibilities are being investigated.

In addition to these studies on the Ashby differential agglutination techniques, which determine life duration of transfused red blood cells, Dr. Freymann has been using chromium-51 to label blood cells so that simultaneous measurements can be made on the patient's own labeled cells and transfused cells. It is hoped by these studies to rule out a defective method of synthesis since, if the transfused cells and the patient's own cells parallel each other as to longevity, it would probably mean that the defect was not in the release of the red cell from the bone

marrow or in a defective synthesis of the red cell, but rather that there was something either circulating within the plasma or defective within the plasma which would account for the shortened survival of all red cells.

A third and major project of the clinical research group has been the initiation of a broader scale of clinical observations on therapeutic techniques, with the purpose of integrating known methods and establishing the best possible therapeutic procedures. Combining results with workers in other laboratories will allow the accumulation of large masses of data in a relatively short time. This study, supported by the National Cancer Institute, was begun early in June, and is continuing very actively. Patients are being studied at the Pondville Hospital and in the wards of the Massachusetts General Hospital. These patients receive the newest chemotherapeutic agents and during the treatment numerous studies are being performed to ascertain the effect of these drugs upon the disease. One of the newer agents, Haddow's compound-Myleran, has been found to be very useful in the treatment of chronic myelogenous leukemia, with remissions being obtained up to as long as one year. The effect of Myleran on the mature granulocyte has led to the initiation of studies in regard to its biochemical effect. At the present time, red cell survival studies are being done on patients receiving Myleran, and also iron-59 clearance studies are being carried out to get some measure of synthesis of the red cells.

The investigation of steroids and their effectiveness against breast cancer has been continued. A major project has been the use of radioactive steroids given intravenously to patients in order to measure the metabolic products. By these methods it is hoped to obtain a clearer understanding of the means by which these steroids are broken down and also the various metabolic products that occur in the urine following the administration of these hormones. Previous evidence has led us to believe that testosterone is converted to estrogen in the body and that the effect of testosterone on breast cancer may be due to this conversion of testosterone to estrogen. A moderately large series of patients with breast cancer is now being given large amounts of cortisone orally to see how this will affect the growth rate of tumors as compared to estrogen therapy. At the present time

it would appear that favorable results are certainly obtained with some patients but that the number of patients who obtain remissions with large amounts of cortisone seems to be lower than might be expected with estrogen therapy.

During the past year the excellent group of investigators working with Dr. Zamecnik have continued to study protein synthesis in normal and neoplastic tissues. This approach stems from the clinical observation that a malignant tumor may continue to grow and flourish while the remainder of the living organism is deteriorating. In this sense, the tumor has been termed a nitrogen trap. Investigations in this and other laboratories strongly suggest that the basic mechanisms for protein synthesis in neoplastic tissues are the same as they are in normal tissues. The implication emerges that the regulation of the adult normal steady state of nitrogen equilibrium is out of balance in the tumor.

It has been inevitable that the search for understanding of factors involved in protein synthesis should lead from the intact animal to the isolated tissue slice, and thence to the broken cell preparation. Attention has been increasingly drawn toward the microsomes, those tiny particles in cells visible only under the electron microscope. The microsomes are rich in ribosenucleic acid, and appear to be the assembly site for protein synthesis. Dr. Keller and Dr. Littlefield have devised a pretty technique for isolating rather pure microsomes. Dr. Jerome Gross of the Arthritis Laboratory has taken electron micrographs of these preparations, and finds that there may be several varieties of microsome particles. Whether these are different in tumors remains for future inquiry.

Dr. Loftfield continues to synthesize amino acids of increasingly high radioactivity, thus lengthening the arm of penetration into cellular intricacies which this tool provides. The mechanism whereby energy is transferred from the cell powerhouse, the mitochondrion, to protein synthesis is being investigated by Dr. Hoagland. His results indicate that amino acids are activated by interaction with an enzyme-ATP (adenosinetriphosphate) complex. It would be reasonable to infer that these

activated amino acids are then lined up in contact with the microsomes, a possibility they are trying to test.

Dr. Spector has recently been a member of an exciting collaboration. He has synthesized carbamyl phosphate, a new compound, which Drs. Jones and Lipmann of the Biochemical Research Laboratory now find to be the missing intermediate in the synthesis of urea by way of the arginine cycle — one of the most interesting biochemical findings of the year.

Dr. Scott and Dr. Taft lead a group working on the fundamental pattern of phosphorus metabolism in normal and neoplastic cells. They have studied the changes in the content of some compounds of phosphorus and in the activities of phosphatases which accompany the well-recognized morphological alterations in the liver of the rat, obtained by feeding butter yellow (p-dimethylaminoazobenzene). The analyses and enzyme assays have been conducted on single microtome sections of frozen tissue using quantitative microbiochemical procedures. A statistical analysis of the results has revealed a significant correlation between the concentration of acid soluble phosphates and the concentration of ribosenucleic acid in nontumorous tissue. This correlation is lost when tumors develop. There is also a significant correlation between alkaline phosphatase activity and the concentration of ribosenucleic acid in one type of tumor tissue. This correlation is not present in other tumor types nor is it present in the control tissues. The metabolic significance of these findings is being investigated.

The study of phenomena of molecular interaction has continued. The complexing power of purines has been investigated in some detail for one case; that of the complex formation between adenosine and testosterone. The thermodynamic constants for this reaction have been determined. The project is being expanded to study complex formation between compounds of these classes in greater breadth and detail. This project is a cooperative one of Drs. Scott and Taft, and involves Dr. Engel at this institution and Mr. Allan U. Munck, a Ph.D. candidate in the Department of Biology at the Massachusetts Institute of Technology.

Possible mechanisms that regulate the growth of normal tis-

sues are being sought both in the whole animal and at the subcellular level by the able group of investigators presided over by Dr. Bucher. *In vivo,* Dr. Bucher has continued to investigate factors which control the rate of cell division in regenerating liver. She previously reported experiments with parabiotic rats in which evidence was obtained that the mitotic rate in this tissue might be regulated by alterations in the biochemistry of the blood. Present studies are directed towards defining more specifically the character of these changes.

In partially hepatectomized rats the composition of the blood might be altered in various ways; normal constituents might be increased or decreased, or new ones added. In intact rats, when plasma constituents were depleted by means of plasmapheresis there was a significant rise in the mitotic rate in the liver, but not in the kidney which served as a control tissue, and which, unlike the liver, would not be subjected to an increased metabolic load by this procedure. These findings seemed to support the concept that the mitotic stimulus in the partially hepatectomized rat might result from a deficiency in the plasma of constituents normally supplied by the liver. However, they have so far been unable to block or even significantly inhibit liver regeneration by the administration of very large doses of normal rat serum. Further experiments are being undertaken to resolve these conflicting lines of evidence.

They also attempted to test the hypothesis that the mitotic stimulus in regenerating liver results from an accumulation of substances that are normally eliminated by the intact liver. Since proliferative activity occurs in livers of animals with biliary obstruction, continuous intravenous administration of bile was tried as a means of exposing hypothetical mitosis-stimulating substances that might be excreted by the normal liver. The results were negative, as were those in parabiotic twins in which the bile duct of one partner was ligated; the mitotic rate in the liver of the other partner was unaffected.

A preliminary experiment in which plasma from partially hepatectomized rats was injected into normal rats gave more promising results; there was increased cell division in the livers

of the recipients to an extent that appeared significant, although the series was very small.

In vitro, they have extended their earlier studies on cholesterol biosynthesis in liver homogenates to include the contributions to the process made by the various structural elements of the cell. The cholesterol forming system seems to be localized in the fractions containing preponderantly the microsomes and soluble cell constituents. The system is dependent upon glycolysis. The mitochondria, in their role of generating energy through oxidative phosphorylation, are not essential. The large microsomes, rather than the ribonucleic acid-rich small granules, appear to be the active particles. Detailed characterization of sub-cellular structures and their roles in over-all processes of synthesis and growth seem important in understanding the mechanisms of growth regulation within the cell.

Recent activities in radiation research in this laboratory have tended more and more to center upon the metabolism of nucleic acids in irradiated tissues. Although Dr. Gardella and his group have for some time considered nucleic acids to be the most sensitive if not the most significant area of radiation damage, it was not until they observed marked changes in nucleic acid concentration of irradiated tissues that they became actively engaged in this particular aspect of radiochemistry. For reasons stated in previous reports, the Yoshida sarcoma was chosen as the test tissue. Their results indicate that radiation provokes a marked but orderly increase in ribosenucleic acid (RNA), nitrogen, and water content per tumor cell. Since the increase in content of these substances is so orderly, their concentration appears to remain fairly constant, implying that cytoplasmic growth, in terms of these parameters at least, continues unimpaired after radiation.

In contrast, desoxyribosenucleic acid (DNA) metabolism and thereby nuclear metabolism appears to be paralyzed by radiation. This results of course in impaired cell division. Thus we seem to encounter a situation in some instances in which continued cytoplasmic growth in the absence of cell division results in the formation of large cells.

Dr. Gardella concludes (1) that radiation does not measurably impair metabolic processes within the cytoplasm; (2) that DNA metabolism is inhibited for at least 48 hours; and (3) that the accumulation of water resulting in an increase in cell size is a manifestation of continued cytoplasmic growth in the absence of cell division rather than passsive imbibition of water consequent to indiscriminate damage to the cell membrane.

Concomitant with the above study, they attempted to measure the rate of incorporation of P^{32} into the nucleic acids of the irradiated Yoshida sarcoma. The analytical methods were designed to express the ratios of the specific activity of intracellular nucleic acid phosphorus to inorganic phosphorus before and after radiation in the same tumor. Rather unexpectedly no alteration in the rate of incorporation of P^{32} into RNA or DNA was noted. In thymocytes, however, under nearly similar conditions, the incorporation of P^{32} into RNA and DNA was inhibited by 16 and 50 per cent respectively after radiation. The latter results are in accord with the prevailing data on this particular aspect of nucleic acid metabolism. They are currently attempting to reconcile these conflicting data.

Thus the work of these laboratories carries on the studies initiated in previous years and the results become progressively more clear and enlightening. The mechanisms of cellular metabolism are becoming known and some day a fundamental characteristic of tumor metabolism, as differentiated from normal metabolism, must emerge.

On May 3, 1954, this laboratory, the Hospital, and the Harvard Medical School suffered an irreparable loss in the death of Dr. Ira T. Nathanson. A surgeon skilled both in cancer surgery and research, he combined disciplines in a unique manner. Our whole laboratory and everyone who came in contact with his generous nature will long miss his wise counsel and friendship.

In previous reports we have thanked those whose generosity made our work possible as well as our parent institutions, Harvard University and the Massachusetts General Hospital, which so generously support and house us. We are grateful for all the vast support this laboratory has received, for the loyalty, hard

work, and originality of the staff, for the great interest of the public in general. The problem is proving complicated and very difficult to solve, and it is most encouraging to us to have the confidence which this support implies. We are satisfied that every effort is being given to the work and that progress is being made.

JOSEPH C. AUB, M.D.
Director

Report of the Coordinating Committee

THIS past year marked the third for the Coordinating Committee which was created on January 30, 1952 with the approval of the Board of Trustees of the Massachusetts General Hospital.

During 1954 this Committee has held two meetings, one in March and one in November, with Dr. Clark presiding and with representatives present from each of the seven member groups. At each meeting Dr. Clark brought the Committee up to date on Hospital plans, new appointments, projects, etc., about many of which the groups might not otherwise have heard.

The Coordinating Committee was represented at the Annual Meeting of the Massachusetts Hospital Association in January, at the New England Hospital Assembly in March and the Annual Convention of the American Hospital Association in September. In October the Coordinating Committee Chairman spoke to the Provisional members of the Junior League when they visited the Massachusetts General Hospital as part of their Provisional Course.

At the March meeting it was decided that the program for National Hospital Day in May should be a typical Medical-Social Service Conference.

At the November meeting it was a great pleasure to welcome Miss Mary Ruth Wolf, the new Director of Volunteers, and to hear Mrs. Richard E. Danielson's report as our representative at the American Hospital Association meeting which she attended in Chicago in September.

A consolidated annual report is again presented for three of the Coordinating groups. Two others, The Advisory Council to the Massachusetts General Hospital School of Nursing and the Board of Managers of the Vincent Memorial Hospital, may be found herein in conjunction with other reports. The reports of the remaining two groups represented on the Coordinating Committee are each published in the separate reports of the Massachusetts Eye and Ear Infirmary and the Bay State Medical Rehabilitation Clinic, respectively.

MRS. AUGUSTUS THORNDIKE
Chairman

MRS. AUGUSTUS THORNDIKE, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

During the year 455 visits were made by 79 visitors. The less restricted visiting hours, shorter stay in the Hospital, more television sets are some of the reasons for a change in the type of our visiting in the General Hospital, which we feel has become more selective. We had calls for Baker visiting from Doctors, Chaplains, and the Social Service Department.

As in the past the income from our several funds and from the General Store, which is operated by the Ladies' Visiting Committee, makes possible the accomplishments of the following sub-committees:

Chapel Committee. This Committee has again, with daily assistance from the Dietetic Interns, kept fresh flowers and greens in the Chapel.

Christmas Committee. Carol singing with guides from this Committee, Christmas programs addressed and stamped, Christmas cards, presents for the children, and Christmas decorations throughout the Hospital were again provided.

Emergency Fund Committee. As its name implies this Committee was able to help in an emergency when two worthy persons, one a patient and one a volunteer, were in need of help.

Furnishings Committee. A record player for Bulfinch 7, nursery chairs for Burnham 4, and lamp shades for the Emergency Ward waiting room were provided by this Committee.

Lawrence Fund Committee. New lighting fixtures were given for the Occupational Therapy room, and two Zeiss Binocular Microscopes and two Hemoglobinometers for Dr. Bauer's laboratory.

Occupational Therapy Committee. Contributing toward the salary of the Pediatric Therapist, parties for the children on Burnham, and a wheel chair, which was needed for special cases, are among the contributions to the Hospital by this Committee.

Plant and Flower Committee. Plants and flowers were provided for special occasions as well as for various places in the General Hospital, the Baker Memorial and the Phillips House.

General Store Committee. The financial report of the General Store, which is operated by the Ladies' Visiting Committee for the benefit of the Hospital, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1954 follow:

Balance on hand December 28, 1953		$ 6,057.12
Cash Receipts		45,036.55
Total		$51,093.67
Expenses:		
Salaries	$ 6,092.67	
Stock purchased	34,376.89	
Utilities	97.11	
Miscellaneous	181.12	
Total expenses		40,747.79
		$10,345.88
Paid to Ladies' Visiting Committee	$ 4,000.00	
Paid to M.G.H. Staff Wives Hospital Committee	130.04	
Total to other Committees		4,130.04
Balance on hand December 26, 1954		$ 6,215.84

SUMMARY

Receipts	$45,036.55	
Expenses	40,747.79	
Cash gain	$ 4,288.76	
Increase in inventory	142.00	
Gain for 1954	$ 4,430.76	
Value of inventory December 30, 1954		$3,678.00

Warren Library Committee. The White Building, the Bulfinch and the Baker Memorial have been covered by the Library. Subscriptions to the *National Geographic* and current magazines have been given by the Ladies' Visiting Committee.

Again we have had a member on the Social Service Advisory Committee, and have contributed to their work.

A member of the Ladies' Visiting Committee has kept in touch with Mr. Crockett's office in an effort to continue to help with errors or corrections in the large mailing list.

MRS. OLIVER COPE, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE MGH STAFF WIVES HOSPITAL COMMITTEE:

The M.G.H. Staff Wives Hospital Committee has continued to develop the project for which it was originally formed, namely, hospitality to foreign visitors. Activities in behalf of our visitors from foreign countries have included teas at the Hospital to which all visitors and a rotating group of staff doctors and their wives are invited; informal gatherings at the homes of staff; and the spring picnic. Many staff families have entertained our visitors privately and as far as we know every visitor had an invitation for Thanksgiving and Christmas.

The Furniture Exchange has continued to be of great help in establishing temporary homes for our visitors.

The Concerts for patients undertaken as a special project three years ago have continued to give pleasure to all who hear them. The Committee takes this opportunity to formally note and gratefully thank all the musicians who contributed their time and talent to make these concerts such a success.

To mention and to thank each individual staff wife who has helped during the year is not possible in this brief report. Each one of them must know, however, from her own satisfaction how important her contribution has been and how dependent the continuing progress of the Committee is on every member who has the time and interest to give to its work.

For the future, the Committee is now actively planning a Reception Center for Professional Visitors to the Hospital. This Center was originally planned for foreign visitors and came as the natural outgrowth of the work of this Committee. The need, however, for a Reception Center where all professional visitors to the Hospital may be received has become so great that the Committee has agreed to tackle the whole problem on an experimental basis. It is the hope of the Committee ultimately to find the best method to receive our visitors so that

they not only find here what they are seeking, but take home with them a complimentary and happy picture of the Massachusetts General.

MRS. STEPHEN M. KRANE, PRESIDENT, PRESENTS THF FOLLOWING REPORT FOR THE DISTAFF CLUB:

This past year the Distaff Club continued its program of activities to bring wives of the House Staff and of the Fellows in Research together for sociability, information, and work for the Hospital.

A tea was given for the Staff Wives and members of the Administration; an afternoon get-together at the home of Mrs. Grant Rodkey during the summer welcomed the new wives to the Club. A tour of the Haffenreffer Breweries was enjoyed by the members and their husbands. The first M.G.H. Formal Dance was held at the Boston Club with the Distaff Club organizing the affair. It was very successful and promises to become a hospital tradition. A successful Christmas party was held in the Penthouse.

The program for the year also included an interesting talk by Miss Margaret Southworth of Shreve, Crump and Low on "Table Decorations and Gift Selections"; a tour of the Museum of Fine Arts, guided by Miss Mona Thompson; and a discussion of the M.G.H. and the responsibilities of the doctor's wife by Mrs. Soma Weiss.

Two successful cake sales were held to augment the treasury.

In the fall, the following officers were elected: President, Mrs. Stephen Krane; Vice President, Mrs. Bernard Stone; Secretary, Mrs. Jens Rosenkrantz; and Treasurer, Mrs. Alfred Luessenhop.

The members of the Club were pleased to be able to take part in the preparations for the M.G.H. Family Christmas Party.

Report of the Advisory Council to the Massachusetts General Hospital School of Nursing

THE Advisory Council to the School of Nursing met monthly from October 1953 through September 1954 with the exception of the summer months.

The program for these meetings was designed to place emphasis on the main purpose of the Council: namely "To study the needs of the School of Nursing, and ways of improving its curriculum, personnel, and programs. . . ." The curriculum had not been re-evaluated by the Council since the internship was started in 1948, and it was felt that a review of the present programs, and a discussion of programs in other schools of nursing, would be helpful in considering any further changes for our own School.

Guest speakers were invited to discuss basic programs in nursing education, both experimental and accredited programs, carried on here in Boston and in other parts of the country.

Meetings

OCTOBER—Miss Sleeper and Miss Perkins spoke on our three-year School, pointing out the advantages and disadvantages of diploma programs.

NOVEMBER—Miss Mildred Montag of Columbia University spoke on junior college programs in nursing.

DECEMBER—Mrs. Evangeline Morris, Director of the School of Nursing at Simmons College, spoke on the Simmons College five-year program.

JANUARY—Miss Mary Ann Garrigan, Assistant Professor of Nursing and Chairman of the Basic Curriculum Division of Boston University School of Nursing, spoke on the Boston University four-year college program.

FEBRUARY—Miss Sylvia Perkins, Assistant Director of the School of Nursing and Chairman of the Coordinated Program

conducted with Radcliffe College, told of this five years and ten months program.

MARCH—The regular March meetings and a luncheon meeting on April 6 were devoted to a résumé and discussion of the advantages and disadvantages of these programs.

MAY—Reports by student members of the various Faculty Committees.

This information has been both interesting and stimulating, and it is the unanimous consensus of the Council that the faculty of the Massachusetts General Hospital School of Nursing should now consider a broadened program, based on the possibility of a work and earn curriculum, and that they should also explore the practicability of a college affiliation for such a program. Progress reports of such a study should be made at frequent intervals to the Council, and further discussion as to the development of the Massachusetts General Hospital School of Nursing programs should be continued by the Council.

Three members whose terms of office expired retired from the Council; Miss Betty Dumaine; Mrs. W. K. Jordan; and Miss Barbara Williams, an Alumnae Association representative.

The vacancies were filled by the appointment of Miss Josephine Barbour, Chief of Social Service, Massachusetts General Hospital; Miss Ethel Brooks, Director of the School of Nursing and Nursing Service, Hartford Hospital, Hartford, Connecticut, a representative of the Alumnae Association; and Miss Marguerite Ryan, who has been a Red Cross Nurses' Aide at the Hospital since 1941.

Respectfully submitted,

HELEN R. BRACE
Chairman

Massachusetts General Hospital
School of Nursing

	1954
Average No. of Graduates on General Hospital Staff and O.P.D.	220
Average No. of Graduates on Baker Memorial Staff	80
Average No. of Graduates on Phillips House Staff	55
Average No. of Accepted Pupils	282
Average No. Preclinical Students	71
Average Total	708
Total No. Preclinical Students Admitted	143
Preclinical Students Dropped and Resigned	28
Students Graduated	100
Accepted Pupils Dropped and Resigned	6
Total Dropped and Resigned	34
Students Readmitted	5
Average No. of Graduates on General Hospital Staff—*Part Time	11
Average No. of Graduates on Baker Memorial Staff—*Part Time	12
Average No. of Graduates on Phillips House Staff—*Part Time	6
Total*Part Time Graduates	29

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING OCTOBER 1, 1954

Graduate Nurses, General Hospital and O.P.D.	213
Graduate Nurses, Baker Memorial	62
Graduate Nurses, Phillips House	49
Total	324
STUDENT NURSES:	
Accepted students	289
Preclinical students three year program	88
Preclinical students Coordinated Program with Radcliffe College	20
Affiliating students from other schools	43
Total	440
TOTAL GRADUATE AND STUDENT NURSES	764
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
M.G.H. accepted students	37
Incoming affiliating students	0
Boston Lying-in Hospital	27
Massachusetts Eye & Ear Infirmary	8
McLean Hospital	25
Public Health	3
NUMBER OF STUDENTS AFFILIATED IN 1954 FROM:	
Simmons College School of Nursing	15
McLean Hospital School of Nursing	16
Henry Bishop (Pediatrics)	18
Leominster Hospital (Pediatrics)	6
St. Anne's, Fall River (Pediatrics)	38
New England Baptist (O.P.D.)	67

*Part time nurses expressed in equivalent of full time.

The Nursing Department

IN an era when all aspects of education are undergoing rapid change it is to be expected that some of the pressures which produced change in other types of education will also be felt by the School of Nursing conducted by and in the Hospital. How the hospital school meets and adjusts to these changes will of necessity determine its present contribution and eventual survival.

This year the faculty of the School of Nursing have felt increasingly the pressures from four clearly defined areas: the pressure brought by the public for more and better education; the pressure developing in the health field as a whole for nurses able to assume new and greater responsibilities; the ever-growing need for more nursing service which brings a direct increase in pressures upon the School for more service here at the Massachusetts General Hospital; and finally the increase in direct and indirect costs of nursing education which are more evident today than ever before.

Whether it is right or necessary, the families of young women seeking preparation for nursing increasingly look for the school of nursing which will provide opportunities for personal development as well as for preparation for the chosen career. Counselors in secondary schools encourage able candidates to choose the school which offers the broader program, as well as the school which provides a sounder preparation for a career in nursing. As all courses in the diploma program are applied courses, such a challenge can only be met through constant effort to use those teaching methods and facilities which will foster individual initiative and growth. Definite progress has been evident this year. As classroom space could be found, classes have been divided into smaller sections where individual participation could be encouraged. Teaching methods have been modified to require more student responsibility for learning, and to give more guidance in the area of personal and group relationships. The addition and use of more audio-visual aids have broadened the program and stimulated new interests. Improvement in number and quality of books in the School

Library has brought increased use of the Library, and an increase in the seriousness of purpose in its use. The Student Nurses Cooperative Association has continued its "Broader Horizons" program, which offers additional opportunities for participation in a constructive social program.

Obvious growth in personal maturity and self-discipline in the residences and the extracurricular program in general stimulated the faculty to increase privileges for all students, and to permit married students to live outside the student residences.

In many respects the pressures arising out of the public demand for nurses to assume new and increased responsibilities have been the most difficult to meet. The nurse must play many different roles, both to meet the needs of patients and, also, of the members of the health team whose expectations have grown from the narrow role of the "good old nurse" to the broad role assigned to the nurse as a full member of the health team. The nurse today is expected to be equally adept with the sick patient or the patient in the process of rehabilitation. She will need to be able to meet the patients' needs for teaching in sickness and in health. She must be prepared to teach and guide the auxiliary worker. She must know when and how to respond to the patient's need for emotional support. Though a member of the hospital staff, the graduate nurse must be sufficiently acquainted with community resources and family problems to help the patient prepare for discharge. Yet, in spite of these demands, all of which continue to increase, the need for instruction which will enable the graduate to meet such needs continues to be challenged by some members of the health team who see the nurse playing only the narrow role of former years. Concern continues, also, lest the curriculum prepare administrators not nurses. The Massachusetts General Hospital employs 61½ head nurses and assistant head nurses; 33 nurse supervisors, 12 administrators, and 40 teachers. Of the total number of employed graduate nurses 41+% are in positions of leadership. The Massachusetts General Hospital also employs 297 auxiliary personnel with whom the nurse works constantly in daily patient care. If the School is to prepare its graduates for positions in the home Hospital, preparation for leadership suited to the student's rising level of

maturity and learning must accompany the preparation for nursing care of patients.

How to maintain a sound educational program and simultaneously meet the fluctuating demands for nursing service is not a new problem. Today the implications inherent in this question have changed as the student body has grown younger, and the pressures for a better educational program have been more apparent. Student nurses continue to carry responsibility for day, evening, and night assignments, equivalent to those carried by gradate nurses, too early and too frequently. The need for patient care when the Hospital census is high too often prevents adequate grading of the assignment to give the younger student the opportunities for which she is prepared, both by learning and by personal (especially emotional) development. The recent more successful efforts of the Nursing Service to increase the number of permanent evening and night nurses and aides has decreased the student assignment somewhat on these difficult periods, and has been much appreciated. But if we are to graduate nurses with sufficient grasp of the broad essentials of patient care, not only to give the care themselves, but also the grasp which will enable them to plan the care and guide the variety of auxiliary workers sharing in the care, increasing opportunity should be found for students to practice in a controlled situation where learning needs can determine their assignment.

When the present program was introduced in 1948 it was estimated that the cost per student was somewhat below the value of the contribution of the student to the Hospital in fees and nursing service. Today it is without doubt a fact that the cost per student may be in excess of her contribution. Although some instructors have been added, the costs are now distributed over a larger student body. Tuition has also been increased somewhat. Major factors in rising School costs are increased cost of food, increased cost of teachers and personnel in the residences, and the indirect cost chargeable to the School. As compared to 1953, there has been a significant decrease in all costs except maintenance. It is a pleasure to report this decrease this year, but little definite assurance can be given that the decrease can be maintained.

If costs of maintaining the School balance or exceed the return from the School, its value can no longer be counted in money saved. But the value of the School must be still apparent not only because of the services the students do give as they learn, but more especially because of the graduates it produces for employment. One hundred students were graduated this year. Sixty-five percent of the March section returned to work in some unit of the Hospital. Fifty-four percent only of the September section, the lowest for some years, returned to work. Fifteen percent of this class were married prior to graduation.

Recruitment has continued as a major activity. During the fall a unique booklet cut in the shape of an MGH cap was distributed to 2,175 high schools. The content described both the diploma and the Coordinated Program with Radcliffe College. Thirteen high schools were visited, at which time a representative of the School, and at times a student also, spoke.

Applications for the September class of the diploma program continue far in excess of the places available in the School. March applications are sufficiently low in number to indicate possible future need to discontinue the March class. Applications in the Coordinated Program continue to be too few. One hundred and thirty-five students were admitted to the diploma program this year, ninety in September, forty-five in March. Nine Freshmen enrolled at Radcliffe College began the classes in Orientation to Nursing in October.

In February the 30 Blossom Street House was renovated and redecorated as a residence for affiliating student and licensed practical nurses. In September, anticipating the continuing desire of a high percentage of graduate nurses to live in, 17 Parkman Street House was also renovated and redecorated. Eldredge House, a residence for graduate nurses, was closed. Although a beautiful house, and well situated, the house was not well suited to the needs of graduate nurses with their changing hour schedules, since all but two of the rooms were double rooms.

Nursing Service

Reorganization of the Nursing Service, begun during 1953, continued through this fiscal year. In March Miss Ruth Farrisey became Executive Officer and Assistant Director of Nurses in the Out-Patient Department. In September Miss Mary Quinlan was appointed Assistant Director of Nursing Service for the Vincent-Burnham Memorial. By degrees the major administrative functions involved in hiring and terminating personnel, in payroll and in assignment, were transferred to the Assistant Directors of Nursing Service in the Bulfinch, White, and Vincent-Burnham, and to the Assistant Director of Nursing Service for the combined Operating Rooms. Supervisors' and head nurses' meetings, formerly the responsibility of the Associate Director of Nursing Service, became the responsibility of the several Assistant Directors of Nursing Service, thereby allowing the nursing administrative staff in each building opportunity to focus on its own particular problems of patient care and ward management. Plans were begun for a central record file which will facilitate the handling of nurses' records, and stimulate their more effective use.

Non-nurse personnel became for the first time directly responsible to their head nurses, and the head nurses assumed full responsibility for the non-nurse personnel schedules. The Supervisors of Lay Personnel with restudied and revised functions, formed, with the addition of the part time services of a Supervisor for Nurses, the Staff Education Unit of the Nursing Service. The functions of the ward secretary were reviewed by a committee of ward secretaries, head nurses, and supervisors, whose report resulted in the re-evaluation of the secretary's functions, and in some instances the combining of certain functions of the head nurse with the functions of the ward secretary.

Upon the resignation of the head nurse in charge of the Central Supply Room a man, non-nurse, experienced in industrial management was appointed. Although this action removed the last nurse from the staff of the Central Supply Room, the decision has proved a wise one. Opportunity to plan and work with the nurse Supervisor of Equipment appears to furnish

adequate direction where medical information is necessary. The Central Supply Room staff has been reorganized, methods of work improved, work assignments made more productive. The suction rooms in the General Hospital and Baker have been combined. Supplies for the Baker floors and Operating Room are now made in the Central Supply Room. More service to relieve the nursing personnel has also been given to the Emergency Ward. Although these changes have increased the load of the Central Supply Room by as much as 60% in some areas, there have been direct savings in money, supplies, and the less tangible but equally important time of nursing personnel on the patients' units. Furthermore, there is a uniformity possible, when a single unit produces and distributes supplies, which facilitates the work of personnel as they move from one unit to another.

In two areas Nursing Service has shared both in planning and reorganization with the Hospital Administration and the Medical Staff, namely, the Emergency Ward and the Out-Patient Clinics. Study of the former situation was begun as the year closed. In the Clinics the Nursing Service has been modified or radically reorganized according to patient needs and the evolving medical program. It is hoped as this planning continues that the functions of the head nurse and other nurses in the Clinics will be so modified as to include the patient contacts and teaching now recognized as essential in clinic nursing.

One of the most stimulating activities of the year has been that of planning a program for staff development. The program as a whole is based upon four principles: (1) Whenever activities are common to several groups of workers in nursing they will be taught together, since those who learn together seem to work best together; (2) adequate introduction to a new position increases worker security, job satisfaction, and worker contribution; (3) the in-service education program is to help the individual meet the requirements of her work and, through maximum use of her abilities, to make her maximum contribution; (4) the in-service education program should prepare workers with demonstrated ability for advancement, and so provide a pool of workers ready for promotion as needed in the Nursing Service.

Some beginnings were made this year in the program. For ward helpers, a seventeen-hours course was initiated. For aides, the six-weeks course was repeated at more frequent intervals. For selected head nurses, a two-days workshop on Patient Assignment Methods was held in the spring. For other head nurses there was an opportunity to participate by assisting in a four-weeks course for head nurses conducted by Boston University at the Hospital in March. For selected members of the supervisory and administrative staffs, there have been opportunities to share in the Hospital courses in Work Simplification and Supervisory Training. For new private nurses, the Phillips House offered a special introductory unit to acquaint them with the MGH and its requirements. Plans for the orientation unit for all new members of the Nursing Service are to be launched in the coming year. Plans also are underway to assist head nurses whose task it will be to carry on the in-service program for staff nurses and other personnel after the special instruction has been given.

As the previous year closed, a new salary and hour schedule was introduced for nurses. It remained for the year 1953-54 to determine whether the new schedules would help to hold or secure nurses. The monthly average number of staff nurses employed this year was 190 as against an average of 170 in the previous year. No study has been done to determine exactly which factors were most influential in producing this increase, but we are certain little gain in numbers could have been made without the salary and hour changes.

With this added staff 24 more beds have been opened, an average of 18 more patients have been nursed daily, and assistance in the operating room has been given with 866 more operations than in the previous year.

There has been a gain in both licensed and affiliating student practical nurses at the Baker Memorial this year. The opening of the 30 Blossom Street House for practical nurses and students has without doubt encouraged the licensed practical nurse who wishes to live in to work at the MGH. A reorganization of the program at the Household Nursing Association School, from which the students come to affiliate, has resulted in a more even

distribution of students throughout the year, and thereby enabled the Hospital to provide better experience and instruction. As enrollment of practical nurse students also has improved markedly this year at the Household Nursing Association the classes received are somewhat larger. The average number enrolled for 1953-54 was 17; an increase of 4 over the previous year. The newly introduced program at the Household Nursing Association not only demands more in terms of teaching because enrollment is greater, but also requires the instructors to spend one afternoon weekly for twelve weeks at the School on Newbury Street where they assist with the instruction of the section which is to affiliate at the MGH.

The Nursing Service has had both the assistance of and the responsibility for two residents in nursing service administration. These nurses, the woman a graduate of the Yale University School of Nursing, and the man a graduate of the McLean Hospital School of Nursing, were graduated in June in the Master's Degree Program in Nursing Service Administration at Boston University. One is assigned to the Assistant Director of Nursing Service at the Baker Memorial; the other is assigned similarly in the White Building. Each participates in the administrative activities, and also carries on studies in nursing which are of value to the Nursing Service. Graduate nurses from Boston University also came to the Hospital part time for advanced nursing experience in medical and surgical nursing, supervision and administration.

Nurses have come from many countries abroad for experience as staff nurses on the Hospital wards: Canada, Denmark, England, Holland, India, Sweden, Switzerland and Turkey. In a ward situation where the only constant factor is change, the many graduate nurse students and foreign nurses often find the Massachusetts General Hospital a puzzling situation. The English head nurse, who at home controls the admissions and discharges of her ward, finds it difficult to understand the White Building Ward with 50-60% emergency admissions, and half as many patients "boarding out". The nurse from Sweden, where non-nurse personnel play little part in patient care, does not always adjust easily to our use of aides and practical nurses. For the graduate nurse student learning how to plan a budget

there is the problem of the patient whose treatments for several periods consume over half of the surgical supplies budgeted for the entire ward. The head nurse must help the nurses such as these as they make their initial adjustment in the strange situation.

Other nurses, and representatives of Ministries of Health from abroad have observed in both the School and the Nursing Service. They came from all the countries named above, and in addition from Australia, Belgium, Brazil, Finland, Germany, Korea, Nyasaland, Paraguay and the Philippines. Each required a special program; each had many hours of discussion with representatives in the Nursing Department and other Hospital Departments whose contribution to Nursing at the MGH is now well known and frequently commended; the Dietary Department, the Dispatch Service, Housekeeping, the Laundry, the Personnel Office, the Pharmacy and the Volunteer Service.

Today the School of Nursing and the Nursing Service stand as separate entities within the Nursing Department, and since each has a large mission to accomplish this identity of purpose and action is essential. Both, however, recognize not only the obligation each has for the other, but also that only as each grows stronger in its identity, so also must each seek to strengthen the coordination and interaction necessary for a strong department. The existing interdependency, not control, is evident in the Coordinating Council where the administrative groups from School and Service work together on common problems and potential conflicts.

Again the members of the staff of the Nursing Department have made a generous contribution to the community and to the nursing profession as a whole. It has been encouraging, too, to find seven student nurses volunteering their services at the Elizabeth Peabody House, and to hear the House workers' commendation of one student nurse who has conducted an evening gym class there for several months.

More than a word of appreciation is due the many members of the Medical Staff of the Hospital who teach in the School, and the others who increasingly take time to meet with the nurses on the patient units to work through the common prob-

lems of patient care. The Nursing Department is indeed fortunate which possesses the loyalty now found in its present student body and personnel, and the cooperative relationships now apparent in its contacts with all other Departments of the Hospital.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

AS hospital and community services and policies change they are reflected in the demands for services of the Social Service Department. The expanded admission policies with increased high occupancy and larger clinic attendance have brought added demands for service and pressure for rapid but effective social planning. The average monthly case load for the Department was 1,408 from October, 1952, to October, 1953; and 1,538 from October, 1953, to October, 1954, an increase of 130 patients served per month.

The new State medical care plan, effective in July, 1954, and the growth of the Disability Assistance program in the State have meant more frequent interpretive reports and contacts with the local public welfare departments on behalf of the patients eligible for these benefits. While the Administration has assumed much responsibility for securing authorization for payment of hospital and clinic costs, our case aides and department workers are active in securing authorizations for certain ancillary expenses such as prosthetic devices, nursing home care, transportation, etc. Along with this has come an increase in the volume of letters and forms required to establish eligibility for assistance and to serve as evidence for payment for hospital charges. Certainly the Hospital needs to strengthen its cooperation with welfare departments. We are studying the problem and hope a welfare unit within the total Hospital with some Social Service guidance can be established to coordinate the multiple activities in Admitting, Accounting, Medical Record Room Correspondence, and Social Service to give more effective service to this large group of patients and their public assistance workers. Mention should be made of Miss Virginia Vahey, Medical Social Consultant in the Massachusetts Department of Public Welfare, who has been unstinting in her assistance to us all in making these new plans go more smoothly.

Coupled with increased activity in the Department we have been hampered by losses in supervisory and experienced staff members and in several long absences due to illness. While we

have replaced some vacancies we are still below quota. The lost momentum in the orientation of a number of new and less experienced workers has meant more pressure on the remainder of the staff, particularly the supervisory staff. Many of the goals we set for ourselves in service and the development of the widening horizons in total patient care seem often far out of reach, but the staff has been loyal, responsible and eager to learn and push forward, in spite of increased pressures.

Several new projects have been started. Mrs. Ruth Abrams rejoined the staff to assist Dr. John Graham with his research study of "Optimum Treatment for Patients with Cervical Carcinoma." Carried on simultaneously at Peter Bent Brigham Hospital, Free Hospital for Women and Massachusetts General Hospital, it has brought some relief in service to a number of Vincent Memorial patients and added impetus to our regular service there.

Mrs. Louise Bandler joined the staff on a part time basis for a research project on children with asthma. Because of the greatly increased referrals in Adult Psychiatry, an additional worker has been added there. The Family Health Service, under a grant from the Rockefeller Foundation, now has the full time services of Miss Janet MacPherson. Activity so far has consisted of establishing policies, setting up record forms, interviewing prospective families for admission to the Program, and establishing contact with community welfare agencies in view of this new teaching program. There is much to learn in the social aspects of total family health and treatment and we hope we may make a real contribution in service, research and teaching to this important project.

Changes in the Clinic admission policies and procedures, the evolving appointment system, the "new and comfortable look," the presence of the full time physician, Dr. John D. Stoeckle, and the whole attitude of thoughtful consideration to patients and their individual needs have made our tasks easier. We have few calls now from bewildered patients and community agencies trying to understand admission policies, long waits and confused treatment plans. It has been a privilege to sit weekly

with the Clinic Operating Committee to plan better patient service.

Like the proverbial broken record, again this year we must repeat the need for concerted action in meeting chronic and terminal care needs. While found throughout the Hospital, the problem is more acute in such services as Neuro-Medical and Neuro-Surgical, Tumor, and the Emergency and Overnight Ward. It is particularly distressing for the medically indigent family, ordinarily self-maintaining, who are suddenly faced with two heartbreaking situations—first, the fact that medical science has nothing further to offer in restoring to health their loved ones, and second, the recommendations for palliative and custodial care until release by death. Furthermore, a facility must be found elsewhere and at a cost often prohibitive. It is a difficult situation for all concerned. The physician, striving for patient rehabilitation as well as for appropriate use of limited general hospital beds, must ask for patient discharge. With doubtful time prognosis, varying from a few days to weeks and maybe months, it is hard for all to see why the patient can not remain to the approaching end. Blue Cross may be meeting costs and there is support and understanding here of the patient. The alternatives are chronic hospitals with waiting lists of months' duration, often far from the patient's family, or inadequate and expensive nursing home care costing from $50 to $70 or more per week.

To meet such costs formerly self-maintaining families are faced with the need for public assistance. Often with small equity in hard-earned property they must decide to sign a lien on their home to be eligible for the public assistance. Such adjustments take understanding and time in addition to approaching loss, and for the social worker this takes hours of understanding listening and planning. No new facilities have been established to meet this need and there still is a dearth of beds where patients can die comfortably, economically and in adequate, decent surroundings. Hospitals such as this have taken responsibility for the care of their patients here and beyond its walls and together—Trustees, Administration, Clinical

Service and Social Service—we must bring this problem to the community.

Teaching activities have continued for Social Service, Medical and Nursing students. Because of staff changes and illness of instructors, they have regretfully had to be curtailed this year.

As we approach our Fiftieth Anniversary, there has been satisfying recognition of the services of the Department. In May a live medical-social ward conference was portrayed on National Hospital Day with Dr. Walter Bauer, Chief of Medicine, and his medical team of Resident, Nurse, Social Worker and Fourth Year Student participating. At the Annual Dinner of the Corporation, Social Service was featured on the program. Miss Barbour briefly traced the development of the Department, comparing services fifty years ago with today, and Dr. Chester M. Jones and his ward conference team presented a demonstration conference, again with Resident, Head Nurse, Social Worker and Fourth Year Student.

This next year, 1955, the Fiftieth Anniversary celebration is being planned by the following committee appointed by the Trustees: Dr. James H. Means, Chairman; Miss Harriett M. Bartlett, former staff worker and education director here, now Associate Professor at Simmons College School of Social Work; Miss Josephine C. Barbour, Chief of Social Service; Mrs. Robert Homans, Member of the Board of Trustees of the Hospital; Dr. John P. Monks, Assistant Physician; Dr. Edward L. Young, Surgeon and Chairman of the Social Service Advisory Committee; Dr. Oliver Cope, Visiting Surgeon; Dr. Dean A. Clark, General Director of the Hospital; Mr. David Crockett, Assistant Director for Resources and Development of the Hospital. The dates are October 20, 21, and 22, 1955. There will be a reunion of alumnae and a day of pre-planned workshops, a panel luncheon discussion with outstanding speakers, a banquet, and a final summing up in a paper looking toward the future.

At the Fiftieth Anniversary Program we shall hope to evaluate the development of the past years but more important to look forward to the growth which may take place in the half century which lies ahead. A program committee under Miss

Harriett Bartlett has tentatively formulated some questions we may be considering then and in the years ahead with our medical colleagues:

1) What is good comprehensive care of the patient and what are the *essential social components* in such care?

2) How can the professions integrate their services to patients, to families, and to the community?

3) What is the essential contribution of the social worker as a member of the clinical team?

Thus almost fifty years has seen the growth of a new professional service in medical care. It was fortunate in its leader and in the place where it was nurtured. Friendly, though at times skeptical, the Administration, the Social Service Advisory Committee and the Medical Staff have offered fertile soil, a warm climate and helpful support.

JOSEPHINE C. BARBOUR,
Chief of Social Service

Report of the Dietary Department

THIS has been a year of challenge. We have met the necessity of revising procedures in several areas of responsibility.

Under the guidance of the Administrative Committee, we further modified our purchasing techniques as the Dietary Department extended its pattern of direct purchasing to include canned goods. Routine Food Store procedures were then revised and new departmental inventory systems have been inaugurated.

Other service areas have also required attention. Much concentrated effort has been applied to the detailed planning of a new central dishroom for the cafeterias. Construction will begin early in 1955.

The Automatic Vending Company has installed machines in the Clinics area to replace the lunch counter. It is expected that this service will be more efficient and more economical with a larger variety of items than was previously included on that menu.

The year 1954 has been one of change. Fifty percent of the staff dietitians either changed responsibility or resigned to accept positions in other localities. Turnover in personnel was not as acute as in previous years. In-service training has been augmented by classes in Work Simplification, and Veterans on-the-job training.

Because of the ever increasing application of the modified diet to patient care, a great deal of time was spent in revising the 1955 edition of the Diet Manual. The printer's detail is indicative of the trends in therapeutic dietetics—25 pages with no corrections, 31 pages with corrections, and 46 pages of new copy.

There were twenty-four interns enrolled in the School of Dietetics. Their experience this year was enriched by a revised administrative pattern which received especial commendation from Miss Wilma F. Robinson, Educational Director of the American Dietetic Association. She visited the department in May for purposes of evaluation and accreditation.

Thus the Dietary Department continues its progress. The benefits of teamwork are constantly before us and we pledge our cooperative effort to the maintenance and expansion of our objectives.

LOUISE HATCH
Director of Dietary Department
and School of Dietetics

Report of the Treadwell Library

THE year 1953-54 has been an extremely busy one for the Treadwell Library. The fact that the Boston Medical Library has not replaced Mr. Charles L. Colby with another reference librarian has increased materially the amount of reference work requested of the Treadwell Library by other libraries and non-staff doctors. In addition to being thoroughly conversant with the holdings and facilities of the Boston Medical Library, Mr. Colby had a vast store of knowledge concerning the Armed Forces Medical Library and he was always efficient and pleasant in helping with obscure references. His leaving Boston is a distinct loss to the medical community. In addition to the loss of Mr. Colby, the building program at the Boston Medical Library, necessitating as it has the unavailability of many of their volumes, has increased further the work in the Treadwell Library.

For some time it has been the desire of the Librarian to rearrange the material on Tier 3 so that the shelves can be open to readers and not kept locked as they have been since 1916. The plan is, for convenience and uniformity, to have the journal titles start at the head of the stairs as they do on Tier 2. As of the end of this fiscal year 204 volumes have been discarded and the rearrangement has been completed for both sides of three stacks. It is, however, a very time-consuming task and will, therefore, take some years to complete.

The library staff is extremely grateful to Dr. James R. Lincoln who has so generously given the Library a copy of *The World of Learning* which lists the staffs of learned societies, libraries and museums throughout the world and the faculties of universities down through the professorial rank. This comprehensive reference volume is a valuable library tool which saves a great deal of time.

Miss H. Bernice Sweeney has continued to give the Library one morning a week throughout the year on a volunteer basis and has also helped in the Library during vacations. We are very grateful to her for her help which we have come to depend upon.

Again the Librarian wishes to thank all those who send the Library the journals that they no longer need. From these duplicate periodicals approximately fifteen hundred items were given to a Southern university this year as a direct gift to another Medical Library Association member.

The Librarian wishes to acknowledge with gratitude the following books which have been donated by their authors and which we are delighted to have for our readers: Dr. R. D. Adams, *Diseases of Muscle, A Study of Pathology*; Dr. C. N. Frazier and Dr. I. H. Blank, *A Formulary for External Therapy of the Skin*; Dr. M. M. Gertler and Dr. P. D. White, *Coronary Heart Disease in Young Adults*; Dr. W. F. Lever, *Histopathology of the Skin*; Dr. L. S. McKittrick and Dr. F. C. Wheelock, *Carcinoma of the Colon*; Dr. J. H. Means, *Doctors, People and Government* and *Lectures on the Thyroid*; Dr. M. D. Schulz, *Therapeutic Radiology*; Dr. J. B. Stanbury, *Endemic Goiter*; Dr. Howard Ulfelder, *An Atlas of Pelvic Operations.* The Library is also very grateful for various medical books given to it by Mr. T. A. Phillips of Little Brown and Company.

The statistics for the year are as follows:

	1954	*1953*
Number of periodical volumes	11,198	11,025
Number of other volumes	8,671	8,571
Number of pamphlets	8,007	9,113
Number of periodical subscriptions	223	216
Number of volumes loaned	8,556	8,184
Number of unbound periodicals loaned	2,378	2,118
Total number of loans	10,934	10,302
Number of items borrowed from other sources	2,932	3,042
Number of persons using library during day	27,706	28,650
Number of persons using library during evening	2,770	2,484
Total number of persons using library	30,476	31,134

ELEANORE ASHTON LEWIS
Librarian

Report of the Warren Library

THERE has been a considerable drop in Warren Library circulation figures this year. Two contributing causes account for this loss. First, the Phillips House inaugurated its own library service. Normal yearly circulation to Phillips House from the Warren Library was approximately ten thousand volumes as estimated from the half-year circulation of last year, which totaled about five and a half thousand volumes. Second, there was a period of two months during which the Librarian was ill and no replacement was appointed to fill the resulting vacancy.

The problem of insufficient shelf space and insufficient seating capacity for potential readers remains unsolved.

For several months during the spring and summer the Library had a patient working with our staff. This referral to us by The Bay State Medical Rehabilitation Clinic was of mutual benefit to the Library and the patient. The young lady referred helped us by performing routine library and clerical duties. She in turn gained through participating in an initial work experience controlled by and adapted to the needs of the employee.

We wish to extend again our thanks to Mrs. Alsung Lund who has volunteered for a second year in Warren Library. She has added much to the Library by her gracious manner and unfailing willingness to help.

The Librarian would like to extend thanks to the members of the Ladies' Visiting Committee for their efforts on our behalf during the past year. Their gifts and their unfailing interest in our activities are extremely valuable to our morale and to our work.

Thanks are also extended to all who have been so extremely generous to the Library during the year with their gifts of books and magazines. This generosity has made possible to a great extent our ability to answer special requests and to supply those patients whose desire to read proves to be greater than average.

The statistics for the year are as follows:

	1954	*1953*
Volumes issued to patients in General	16,126	19,283
Volumes issued to patients in Baker	16,562	16,390
Volumes issued to patients in Phillips House	None	5,457
Volumes issued to personnel	16,562	11,141
Total volumes issued	43,647	52,537
Showing a decrease of	8,890	
Total number of foreign books issued	1,341	2,479
Total number of juvenile books issued	2,195	3,047
Total number of magazines issued	10,982	18,961
Total readers for the year	16,680	14,631

KATHLEEN SERGOTT
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1956 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1945.....	1,504,983.	400,760.	386,344.	905,566.	684,015.*	3,881,668.
1946.....	1,671,180.	466,732.	502,348.	1,176,624.	684,093.*	4,500,977.
1947.....	1,788,631.	533,661.	646,086.	1,393,308.	848,320.*	5,210,006.
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.*	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.

TOTAL ACCRUED EARNINGS

1945.....	654,342.	212,073.	445,731.	825,522.	588,417.*	2,726,085.
1946.....	718,392.	296,074.	570,422.	1,133,603.	443,731.*	3,162,222.
1947.....	924,913.	390,984.	669,825.	1,342,783.	551,456.*	3,879,961.
1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.*	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.*	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.

STATEMENT OF STOCK ON HAND

	Oct. 3, 1954	*Oct. 4, 1953*
Total Stock on Hand October 3, 1954 and October 4, 1953 respectively	$647,391.63	$621,358.44

* This represents Emergency Ward, private ambulatory, research, and non-patient earnings.
† The figure for 1944 represents items not allocable to any particular unit of the hospital, and not directly related to the care of patients.

GENERAL HOSPITAL

(Does not include Phillips House, see page 118, or Baker Memorial, see page 118)

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1945	7,532	144,274	19+ "	4,654
1946	7,227	135,824	18+ "	4,324
1947	7,594	124,203	17— "	4,579
1948	7,390	126,554	17+ "	5,339
1949	7,694	125,830	16+ "	5,259
1950	7,370	123,711	17— "	5,413
1951	7,232	115,904	16— "	4,885
1952	10,547	118,120	11+ "	4,793
1953	10,698	127,337	12— "	5,639
1954	10,521	127,496	12+ "	7,052

GENERAL STATISTICS

Patients in Hospital:	*Oct. 3 1954*	*Oct. 4 1953*	*Jan. 1 1953*
Medical	154	117	79
Surgical	172	161	165
Children	25	30	23
Total	351	308	267

Patients admitted during year:	*1954*	*1953*
Medical	4,168	4,417
Surgical	5,729	5,415
Children	624	866
Total	10,521	10,698

Patients discharged during year:		
Against advice	51	63
Died	582	597
Otherwise discharged	9,876	10,012
Total	10,509	10,672

Patients' day treatment:

(Reckoned from discharge rates)	*1954*		*1953*	
Paying patients	80,323	(63%)	82,769	(65%)
Part-paying patients	43,349	(34%)	38,201	(30%)
Free patients	3,824	(3%)	6,367	(5%)
Total	127,496	(100%)	127,337	(100%)

	1954	*1953*
Net income, General Hospital	$1,958,526.96	$1,922,423.63
Total number of patient days	127,496	127,337

	1954	*1953*
Average number of patients per day	350	350
Number of beds available	451	452
Percentage of beds occupied	77.5%	77%
Autopsies	71%	63%
Per capita earnings (excluding special nurses)	15.36	15.10
Per capita earnings on special fees	5.68	4.72
Per capita cost of foods, patients only	.81	.80

HOUSE PATIENTS

Residences

	1954	*1953*
Boston	3,864	4,132
Metropolitan Boston	4,630	4,178
Massachusetts (except Metropolitan Boston)	1,706	2,043
Outside of Massachusetts	321	345
Total	10,521	10,698

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Receipts
1945	13,372	6.74	90,210.00	20,237.36
1946	14,100	9.68	136,481.50	40,318.89
1947	15,661	9.22	144,537.00	67,497.00
1948	16,713	10.51	175,654.00	85,942.00
*1949	15,822	3.54	56,026.21	15,322.46
*1950	15,335	6.15	94,348.29	15,151.30
*1951	18,449	7.94	146,576.74	47,978.23
*1952	20,243	8.16	165,108.60	71,149.46
*1953	21,231	9.02	191,442.62	86,891.65
1954	21,216	10.28	218,048.23	108,598.63

*Overnight Ward exclude

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1945	20,287	226,978	754+	126,119
1946	21,678	237,630	787—	123,293
1947	21,448	229,095	758+	116,040
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Receipts	Aver. Daily Receipts	M. G. H. Share of Receipts
1945	568,878‡	400,760‡	2.51‡	333,632	1.47	212,074
1946	660,410‡	466,732‡	2.78+‡	448,278	1.89	296,074
1947	760,330‡	533,661‡	3.32—‡	570,294	2.49—	390,984
1948	860,608‡	609,577‡	3.69+‡	650,158	2.79—	438,380
1949	1,034,253‡	753,983‡	5.00+‡	696,044	3.37	479,556
1950	940,238‡	645,898‡	4.80+‡	697,505	3.56	477,294
1951	911,217‡	710,433‡	4.96+‡	676,259	3.68	441,982
1952	918,728‡	726,900‡	5.17+‡	697,498	3.93	484,020
1953	943,852‡	779,549‡	5.34+‡	645,901	3.66	489,568
1954	1,069,175‡	888,492‡	5.88+‡	671,304	3.69	517,888

‡Funds contributed by outside individuals or foundations for research, or for any other purposes for which the hospital would not have appropriated funds, have been deducted.

	New Patients		Subsequent Visits	
	1954	*1953*	*1954*	*1953*
Medicine	1,370	1,393	19,709	17,636
Alcohol	55	29	537	512
Allergy	21	30	7,730	7,286
Anemia	0	1	403	438
Arthritis	5	1	1,226	1,271
Diabetes	0	0	2,143	2,056
Gastro-Intestinal	0	0	1,346	1,228
Heart	16	11	876	829
Hypertension	0	2	828	636
Nutrition	0	0	518	631
Ovarian Dysfunction	14	14	472	469
Pulmonary	5	7	685	628
Rheumatic Fever	2	2	717	766
Thyroid	3	8	2,694	2,834
Dermatology	1,084	1,116	9,041	8,769
Syphilis	42	30	2,639	2,292
Neurology	353	325	6,052	5,788
*Language	6	6	3,303	2,637
Psychiatry	234	204	2,424	4,792
Child Psychiatry	27		2,009	
Children's Medicine	797	634	4,949	4,762
Adolescent Endocrine	13	21	440	370
Surgery	518	514	11,753	10,676
Fracture	9	6	2,754	2,447
Hand	21	5	131	85
Plastic Surgery	11	9	205	202
Rectal Surgery	4	2	484	603
Vascular Surgery	8	0	534	410
Gynecology	188	180	2,944	2,877
Orthopedic Surgery	625	592	8,020	7,323
Infantile	7	5	351	382
Scoliosis	3	5	155	161
Urology	169	176	3,608	3,825
Stone	0	0	195	200
Dentistry	237	190	3,737	3,546
Tumor	400	392	9,328	8,825
*Semi-Private Tumor		13		168
General Hospital Clinics	6,249	5,923	119,847	108,360
General Hospital Totals	6,249	5,923	119,847	108,360
Ear, Nose and Throat	3,132	3,209	17,589	17,931
Eye	5,845	5,823	35,361	35,341
Eye & Ear Infirmary Totals	8,977	9,032	52,950	53,272
Combined Out-Patient Department Totals	15,226	14,955	172,797	161,632

	1954	*1953*
Total Attendance	188,023	176,587

† Restated to eliminate Staff Clinic separated from Out-Patient Department Jan. 1, 1949.
* Both veterans and non-veterans. In 1948 non-veterans carried in Neurology, veterans in Veterans Clinic.

PHILLIPS HOUSE

	Med.	No. Patients Admitted Surg.	Obstet.	Total	†Births	Total Patients' Days Treatment	Aver. No. Days in Hospital	No. of Operations
1945....	451	1,262	257	1,970	244	29,744	15+	1,421
1946....	521	1,280	261	2,062	242	31,469	15—	1,456
1947....	529	1,391	390	2,310	356	31,191	13+	1,580
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312

	1954	*1953*
Average number of patients per day	84+	83
Number of beds	94	94
Percentage of beds occupied	88.5 %	88 %
Autopsies	69+%	65+%
Per capita earnings, excluding special nurses	38.31	38.71
Per capita earnings on special fees excluding board and special nurses	12.43	12.49
Per capita cost of food, patients only	1.73	1.80

BAKER MEMORIAL

	Med.	No. Patients Admitted Surg.	Obstet.	Total	†Births	Total Patients' Days Treatment	Aver. No. Days in Hospital	No. of Operations
1945....	1,198	3,598	758	5,554	644	88,279	16—	3,690
1946....	1,477	4,237	925	6,639	774	98,072	15—	4,189
1947....	1,380	4,316	954	6,650	882	91,874	13+	4,136
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	250	8,220	0	98,461	11+	4,765

	1954	*1953*
Average number of patients per day	273	256+
Number of beds available	314	294
Percentage of beds occupied	86.2 %	87 %
Autopsies	58—%	56 %
Per capita earnings, excluding special nurses	26.29	26.49
Per capita earnings on special fees excluding board and special nurses	9.02	8.64
Per capita cost of food, patients only	1.09	1.06
Average professional fee per patient	141.99	145.83
Average Hospital charge per patient	370.19	343.12
Average Hospital charge per patient, including professional fees, but excluding special nurses	487.09	468.04

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences

	1954	1953
Boston	1,758	1,685
Massachusetts (except Boston)	5,227	5,008
Maine	125	129
New Hampshire and Vermont	319	312
Rhode Island and Connecticut	336	385
New York	176	139
Other States	227	248
British Provinces	14	6
Other Foreign Countries	38	7
Total	8,220	7,919

Combined Statistics for all Units for 1954

	General Hospital	Phillips House	Baker Memorial	Total
Number of patients admitted	10,521	2,616	8,220	21,357
Number of patients days	127,496	30,736	98,461	256,693
Number of operations	7,052	1,312	4,765	13,129
Average number of patients	350+	84+	273+	707

RADIOLOGICAL DEPARTMENT

General Hospital

	1954	1953
House patients examined	11,713	10,906
Out-Patient Department patients examined	15,704	14,705
Emergency Ward patients examined	7,649	6,994
Total number patients examined	35,066	32,605
X-ray treatments given	8,482	15,838
Total number patients examined and treated	43,548	48,443

Phillips House

	1954	1953
House patients examined	2,935	2,941
Private patients examined	667	643
Total number patients examined	3,602	3,584
X-ray treatments given	1,065	1,165
Total number patients examined and treated	4,667	4,749

Baker Memorial

	1954	1953
House patients examined	8,887	8,012
Private patients examined	3,270	2,976
Total number patients examined	12,157	10,988
X-ray treatments given	7,756	6,496
Total number patients examined and treated	19,913	17,484

Entire Hospital (Combined Statistics)

	1954	1953
Total number patients examined	50,825	47,177
Total number treatments given	17,303	23,499
Total number patients examined and treated	68,128	70,676

Radium Therapy

Treatments given:	*1954*	*1953*
General Hospital (including Eye and Ear Infirmary)	189	103
Phillips House	13	5
Baker Memorial	45	27
Total number treatments given	247	135

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1954*	*1953*
Out-Patient Department	5,566	3,777
General Hospital (including Eye and Ear Infirmary)	8,040	7,068
Phillips House	1,010	755
Baker Memorial	3,289	3,210
Private ambulatory patients	2,236	1,701
Total treatments given	20,141	16,511
New Patients	2,010	1,414

Occupational Therapy

Treatments given:	*1954*	*1953*
Out-Patient Department	259	217
General Hospital	10,484	8,610
Phillips House	154	41
Baker Memorial	856	449
Private ambulatory patients	282	163
Total Treatments given	12,035	9,480
New Patients	1,090	913

SCHOOL OF NURSING

	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
Average No. of Graduates on General Hospital Staff	96	112	140	159	181	195	195	213	203	220
Average No. of Graduates on Baker Memorial Staff	61	75	82	87	94	97	86	79	74	80
Average No. of Graduates on Phillips House Staff	41	49	57	57	61	57	56	56	54	55
Average No. Accepted Pupils	425	378	268	213	214	268	292	293	286	282
Average No. Preclinical Students	63	38	49	62	76	75	87	93	83	71
Average Total	686	682	596	578	626	692	716	734	700	708
Total No. Preclinical Students Admitted	176	110	117	135	138	140	158	150	133	143
Preclinical Students Dropped and Resigned	39	22	29	42	20	19	27	19	20	28
Accepted Pupils Dropped and Resigned	34	43	12	8	4	4	21	20	14	6
Total Dropped and Resigned	73	65	41	50	24	23	48	39	34	34
Average No. of Graduates on General Hospital Staff—*Part time	7	10	13	14	15	14	11	7	8	11
Average No. of Graduates on Baker Memorial Staff—Part time	5	6	6	7	9	6	4	8	5	12
Average No. of Graduates on Phillips House Staff—Part time	24	17	13	10	8	7	6	2	4	6
Total Part time graduates	36	33	32	31	32	27	21	18	17	29

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1954	*1953*
Total Number of In-Patient Days	256,693	250,954
Total Income	$7,934,465.64	$7,575,212.22
Deduct Non In-Patient Income:		
Other Income	1,519,945.47	1,412,264.17
Out-Patient Department	496,047.50	451,869.37
Emergency Ward	103,088.41	86,060.55
Private Ambulatory	171,921.79	149,497.33
	2,291,003.17	2,099,691.42
Total In-Patient Income	$5,643,462.47	$5,475,520.80
Income Per In-Patient Day	$21.99	$21.82
Total Expenses	$10,824,465.04	$9,733,543.67
Deduct Non In-Patient Expense:		
Non-Operating & Research	1,764,053.41	1,534,791.41
Non-Patient	1,067,817.85	1,039,646.98
Out-Patient Department	888,491.95	779,549.48
Emergency Ward	218,048.23	191,442.62
Private Ambulatory	172,470.93	131,342.53
	4,110,882.37	3,676,773.02
Total In-Patient Expense	$6,713,582.67	$6,056,770.65
Cost Per In-Patient Day	$26.15	$24.13

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1945 TO OCTOBER 3, 1954

	General Hospital											Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths								Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average
1945	7,532	5,896	496	1,140	62,737	8,537	410	5.44	438	280	395 −	20,287	226,978	1,970	68	3.45	94	56	81 +	5,554	146	2.61	271	188	242 −
1946	7,227	5,800	656	771	58,358	77,466	359	4.97	448	274	372 +	21,678	237,630	2,062	60	2.90	97	63	86 +	6,639	164	2.46	305	217	272 −
1947	7,594	5,589	1,263	742	66,499	60,204	417	5.49	380	268	342 +	21,448	229,095	2,310	57	2.47	96	55	85 +	6,650	178	2.68	298	210	251 −
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344 −	23,051	210,084	2,277	67	2.94	96	46	79 −	7,312	192	2.48	319	189	268 +
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348 +	19,179	206,826	2,257	55	2.44	95	40	77 −	7,112	181	2.54	300	126	230 +
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340 −	16,590	195,849	2,494	72	2.88	76	37	79 −	7,190	202	2.81	283	151	248 +
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291 +	15,065	183,667	2,440	66	2.78	100	41	78 −	7,262	199	2.74	302	146	244 +
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325 −	14,307	177,657	2,632	88	3.34	103	45	80 −	7,620	194	2.54	300	145	242 +
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350 −	14,955	176,587	2,696	86	3.19	107	51	83 −	7,919	206	2.60	323	168	256 +
1954	10,521	6,628	3,577	316	100,765	3,825	585	5.56	427	259	350 +	15,226	181,774	2,616	76	2.90	112	47	84 +	8,220	194	2.36	323	190	273 +

Total number of patients admitted to General Hospital from the year 1821 — 503,469
" " " " " " Phillips House " " " 1917 — 83,534
" " " " " " Baker Memorial " " " 1930 — 153,276

740,279

†See footnote, page 114 (General Statistics).

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING OCTOBER 3, 1954

GROSS EARNINGS AT STANDARD RATE	Total 1953	Total 1954	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory
Day Rate Service	$4,719,177.55	$4,805,829.17	$ 821,662.02	$1,832,404.22	$2,151,762.93	.....	.....	.....
Out-Patient Adm. Fees	294,934.57	305,904.47	.....	.....	.....	305,904.47	.....	.....
Emergency Ward Fees	59,886.96	65,127.00	.....	.....	.....	.....	65,127.00	.....
Operating Room	457,571.24	476,113.07	70,354.52	239,659.75	158,235.75	11.00	346.95	7,505.10
Anesthesia	214,308.73	226,816.95	45,451.50	121,120.60	57,957.85	1,092.50	346.50	848.00
X-Ray	622,190.93	705,050.89	98,503.50	179,684.25	139,245.00	130,711.84	46,274.05	110,632.25
Laboratories	475,324.48	546,224.94	97,237.00	171,874.45	176,527.06	44,856.68	6,124.00	49,605.75
Blood Bank	191,452.99	208,277.75	37,760.00	90,606.75	76,313.00	.....	3,595.00	3.00
Physical Therapy	48,324.85	53,794.50	6,188.00	13,778.25	18,363.50	4,012.50	.....	11,452.25
Pharmacy	244,750.47	285,896.33	17,189.46	44,236.26	66,269.73	157,581.48	618.45	.95
Occupational Therapy	1,914.95	3,374.09	36.20	686.15	1,800.79	1.00	.....	849.95
Ambulance	597.78	28.00	.....	28.00	.....	.....	.....	.....
Surgical Apparatus	22,285.02	25,885.50	3,462.90	9,439.75	553.00	11,922.35	.....	507.50
Inhalation Therapy	50,578.08	51,526.15	5,990.79	16,862.96	28,672.40	.....	.....	.....
Total Earnings from Services to Patients	7,403,298.60	7,759,848.81	1,203,835.89	2,720,381.39	2,875,701.01	656,093.82	122,431.95	181,404.75
Deductions from Earnings Charity Allowances	706,126.74	704,181.66	.....	646.90	533,459.62	160,046.32	8,847.07	1,181.75
Other Rebates and Losses	363,218.19	491,131.15	34,191.94	101,845.76	342,248.48	.....	10,496.47	2,348.50
Net Provisions for Doubtful Accounts	171,005.62	150,015.83	(655.70)	23,164.15	121,554.67	.....	.....	5,952.71
Total Deductions	1,240,350.55	1,345,328.64	33,536.24	125,656.81	997,262.77	160,046.32	19,343.54	9,482.96
Net Earnings from Services to Patients	6,162,948.05	6,414,520.17	1,170,299.65	2,594,724.58	1,878,438.24	496,047.50	103,088.41	171,921.79
Dietary	297,654.31	310,712.49	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,114,609.86	1,209,232.98	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	7,575,212.22	7,934,465.64	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Expense Statement

	Total 1954
Administration and General	$ 403,923.61
Housekeeping	278,302.89
Laundry & Linen	126,130.72
Plant Operation	99,137.48
Plant Maintenance	138,898.21
Maintenance of Personnel	331.25
Nutrition	778,112.79
Medical-Surgical Service	450,227.63
Nursing Service	1,527,851.54
Nurses Training School	542,875.24
Pharmacy	208,415.65
Social Service	93,301.79
Medical Records & Library	39,952.64
Inhalation Therapy	34,604.02
Operating Room	645,046.32
Anesthesia	245,825.59
X-Ray	405,999.77
Laboratories	531,155.54
Blood Bank	152,902.82
Physical Therapy	49,707.43
Occupational Therapy	22,470.28
Ambulance	1.60
Pharmacy (Drugs Sold)	224,227.07
Surgical Apparatus	28,593.27
Out-Patient Department	544,604.34
Emergency Ward	162,726.89
Other Non-Patient Expenses	1,325,085.25
	$9,060.411.63
Research Expense	1,764,053.41
Total	$10,824,465.04
Salaries and Wages	7,054,869.05
Supplies and Expenses	3,769,595.99
Total	$10,824,465.04

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1954*	*Total 1953*
Earnings from services to patients		
Private Patients	$1,203,835.89	$1,182,172.94
Semi-Private Patients	2,720,381.39	2,536,085.81
Ward Patients	2,875,701.01	2,838,065.21
Out-Patient Department	656,093.82	591,840.85
Private Ambulatory	181,404.75	161,675.03
Emergency Ward	122,431.95	93,458.76
Total Earnings From Services to Patients	$7,759,848.81	$7,403,298.60
Less:—Deductions from earnings:		
Charity Allowances	$ 704,181.66	$ 706,126.74
Other Rebates and Losses	491,131.15	363,218.19
Net Provision for Doubtful Accounts	150,015.83	171,005.62
Total Deducations from Earnings	$1,345,328.64	$1,240,350.55
Net Earnings From Services to Patients	6,414,520.17	6,162,948.05
Other Income	1,519,945.47	1,412,264.17
Total Income	$7,934,465.64	$7,575,212.22
Operating Expenses		
Professional Care of Patients	$6,314,744.29	$5,663,734.36
Dietary Expenses	778,112.79	699,737.65
Housekeeping	278,302.89	236,925.14
Laundry & Linen	126,130.72	216,362.06
Plant Operation & Maintenance	238,035.69	211,003.54
Other Non-Patient Expenses	1,325,085.25	1,170,989.51
Total Operating Expenses	9,060,411.63	8,198,752.26
Net Operating Deficit	1,125,945.99	623,540.04
Add:—Non-Operating & Research Expenses	1,764,053.41	1,534,791.41
Net Deficit	2,889,999.40	2,158,331.45
Available From Treasurer For Expenses At Hospital	2,876,030.29	2,187,714.38
Final Deficit—Withdrawn From General Fund Principal	$ 13,969.11	$ (29,382.93)

MASSACHUSETTS GENERAL HOSPITAL

Statement of Stock on Hand October 3, 1954 and October 4, 1953

	Oct. 3, 1954	*Oct. 4, 1953*
General Hospital Apothecary Out-Patient Department Apothecary	$266,396.96	$234,484.20
General Hospital Upper Store	114,702.44	106,666.15
General Hospital Lower Store	48,888.64	33,043.44
General Hospital Maintenance	126,796.94	140,741.04
General Hospital Postage	713.17	843.39
General Hospital Print Shop	2,831.24	4,047.54
Other	87,062.24	101,532.68
Total Stock on Hand	$647,391.63	$621,358.44

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1954, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL
CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1954	*Sept. 30, 1953*
ASSETS		
CASH	$ 1,566,041.97	$ 1,296,922.60
INVESTMENTS		
Bonds	10,598,342.18	11,467,438.39
Stocks	11,471,070.33	10,231,194.94
Notes and Commercial Paper	1,837,146.08	1,544,531.27
Real Estate	246,928.21	274,799.50
NOTES RECEIVABLE	78,425.00	58,100.00
ACCOUNTS RECEIVABLE—PATIENTS AND OTHERS (Less Reserve for Bad Debts)	1,311,363.52	1,158,387.19
INVENTORIES OF SUPPLIES—AT COST	646,966.63	621,358.44
PREPAID ITEMS	31,841.29	37,664.71
INTEREST IN UNSETTLED ESTATES	9.00	8.00
PLANT $18,326,817.64		17,639,018.38
Less Provision for Depreciation 480,960.90	17,845,856.74	
CONSTRUCTION ACCOUNTS	148,019.14	561,818.64
	$45,782,010.09	$44,891,242.06
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 390,374.20	$ 363,513.90
GENERAL FUND		
Treasurer's Account	2,375,181.27	2,545,766.51
Director's Account	1,608,262.49	1,517,446.44
Reserves	14,765.53	208,000.00
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	4,535,410.63	4,502,189.01
Restricted as to Income	14,161,453.05	13,742,772.96
MCLEAN HOSPITAL ENDOWMENT FUNDS	935,465.92	943,170.71
BUILDING FUNDS	1,009,459.12	1,148,542.24
FIDUCIARY FUNDS	337,280.05	323,160.44
FUNDS INVESTED IN PLANT	17,845,856.74	17,639,018.38
TEMPORARY FUNDS		
General Hospital	1,607,971.50	1,539,943.83
McLean Hospital	158,861.94	156,194.10
Fiduciary	3,304.69	6,115.00
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	798,362.96	255,408.54
	$45,782,010.09	$44,891,242.06

GENERAL HOSPITAL
CONDENSED INCOME STATEMENT

(For fiscal year ending Sept. 30)

	1953-4	*1952-3*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 223,561.75	$ 270,732.05
Annual Free Beds	10,627.64	9,162.00
Restricted	1,337,511.30	1,178,437.73
	$1,571,700.69*	$1,458,331.78*
INCOME FROM INVESTMENTS		
Unrestricted	$ 334,780.86	$ 257,473.48
Restricted	694,167.78	686,936.71
	$1,028,948.64	$ 944,410.19
OHER INCOME		
From Trusts and Agents	$ 8,884.84	$ 19,640.21
Contributions for Connecting Building	15,613.00	15,613.00
Huntington Memorial Hospital	8,143.00	8,053.95
Miscellaneous	92,520.19	93,047.27
	$ 125,161.03	$ 136,354.43
TOTAL	$2,725,810.36	$2,539,096.40
PAYMENTS FROM INCOME		
Added to Principal	$ 17,523.64	$ 25,509.22
Payments to Life Interests	761.33	2,717.44
Treasurer's Payments From Funds and Miscellaneous	24,729.57	115,155.36
Reserves	0	208,000.00
Provision for Depreciation	480,960.90**	0
	$ 523,975.44	$ 351,382.02
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$2,201,834.92	$2,187,714.38
HOSPITAL EXCESS OF EXPENSES	2,889,999.40	2,158,331.45
	$ 688,164.48	
CHARGED TO PLANT CAPITAL-DEPRECIATION	480,960.90	
DEFICIT	$ 207,203.58	
RESERVES FROM PRIOR YEAR $208,000.00		
Less Equipment Reserved For but Not Yet Billed 14,765.53	193,234.47	
WITHDRAWN FROM GENERAL FUND PRINCIPAL	$ 13,969.11	
GAIN—ADDED TO GENERAL FUND PRINCIPAL		$ 29,382.93

* Includes United Community Services Allocations of $212,387.00 in 1953/4 and $255,390.00 in 1952/3.

** Provision for Depreciation Based on Allowable Amount Under Certain Third Party Reimbursements.

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT
(for fiscal year ending Sept. 30)

	1953-4	*1952-3*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 1,525.00	$ 1,600.00
Restricted	42,377.86	36,821.86
	$43,902.86	$38,421.86
INCOME FROM INVESTMENTS		
Unrestricted	$22,327.41	$20,126.85
Restricted	26,446.67	29,863.10
	$48,774.08	$49,989.95
OTHER INCOME		
From Trusts and Agents	$ 3,580.00	$ 3,310.00
Miscellaneous	3,048.34	7,464.84
	$ 6,628.34	$10,774.84
TOTAL	$99,305.28	$99,186.65
PAYMENTS FROM INCOME		
Added to Principal	$ 63.22	$ 48.16
Expenses Paid from Funds	361.69	8,118.06
	$ 424.91	$ 8,166.22
TREASURER'S NET RECEIPTS	$98,910.37	$91,020.43
HOSPITAL EXCESS OF EXPENSES	192,970.56	67,444.35
GAIN—ADDED TO FUNDS		$23,576.08
DEFICIT—WITHDRAWN FROM FUNDS	$94,060.19	

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$2,375,181.27
Reserves	$14,765.53	

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos		$10,000.00
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		25,533.43
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	1,048.60	8,000.00
JOHN ASHTON FUND For diseased and wounded soldiers. Bequest $22,176.47 Income Added 4,185.27		26,361.74
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		19,543.10
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	1,148.82	5,921.20
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.		33,519.17
Carried forward	$2,197.42	$162,919.46

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$2,197.42	$162,919.46
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.		25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department. Sundry Gifts $32,160.49 Income Added 12,393.85		44,554.34
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	106.19	1,000.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	858.62	6,908.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		363,068.20
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
Carried forward	$3,162.23	$731,833.20

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$3,162.23	$731,833.20
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital Sundry Gifts and Bequests	2,841.23	506,243.66
URIEL H. CROCKER FUND Income "to be used in the manner that said Hospital shall determine to be for the best interests of the Hospital." Bequest of Mrs. Annie J. Crocker		44,806.24
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	64.91	3,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."		10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,150.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	3,437.01	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."		20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	3,752.17	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation ..... $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16		66,164.36
Carried forward	$13,257.55	$1,550,445.37

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$13,257.55	$1,550,445.37
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards 391,447.56 Sundry Bequests 100.00	40,063.40	391,547.56
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	1,263.80	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
EVANS-ELLIS FUND Income for any Hospital purpose. Bequest of Augustus H. Ellis.		281,255.48
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	257.28	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.		25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	1,788.64	4,182,367.76
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	493.86	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
Carried forward	$57,124.53	$6,554,909.00

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$57,124.53	$6,554,909.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		2,904,897.15
HENRY CLAY JACKSON FUND Income for the general purposes of the Hospital. Gift of Paul Wilde Jackson Trust.		58,000.00
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	1,889.59	11,145.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.	250.00	44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	1,041.26	13,440.00
NATHANIEL T. KIDDER FUND Income for the general purposes of the Hospital.		690,137.61
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.	3,870.44	152,374.32
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	436.26	10,190.00
Carried forward	$64,612.08	$10,556,610.53

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$64,612.08	$10,556,610.53
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	32.63	121.36
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	29.65	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00		4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	5,188.64	17,010.81
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		712,570.97
Carried forward	$69,863.00	$11,998,895.55

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$69,863.00	$11,998,895.55
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used for the most approved method of treating hip disease due to accident to indigent children.	1,629.26	50,000.00
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.		26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	47.55	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	158.85	3,173.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	– 324.05	34,665.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,386.77	2,090.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	1.109.32	21,051.38
Carried forward	$73,870.70	$12,343,355.21

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$73,870.70	$12,343,355.21
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		144,236.12
EDWARD PIERSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	2,184.42	15,000.00
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones $25,200.00 Dr. Edward P. Richardson 5,000.00 Mrs. Maurice Howe Richardson 5,000.00 Sundry Gifts 5,200.00	1,167.27	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		9,520.12
MARY ELIZABETH SALTONSTALL FUND "Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	– 234.61	30,000.00
Carried forward	$76,987.78	$14,371,582.59

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$76,987.78	$14,371,582.59
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	335.58	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.		345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	209.51	725.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	543.35	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	445.74	7,762.45
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	1,039.69	3,450.00
Carried forward	$79,561.65	$14,868,225.97

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$79,561.65	$14,868,225.97
TRAINING SCHOOL FOR NURSES FUND .... Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND ..... Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	3,081.09	7,555.00
LAWRENCE TUCKER FUND ..... So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND ..... Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	144.21	1,000.00
FRANCES KNOWLES WARREN FUND ..... Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND ..... Income for books for patients. Sundry Gifts and Bequest.	1,786.84	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND ..... "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND ..... To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury ..... 2,935,045.22 Sundry Gifts 3,657.50		2,938,702.72
GEORGE ROBERT WHITE FUND ..... "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
Carried forward	$84,573.79	$18,554,915.43

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$84,573.79	$18,554,915.43
DR. JAMES C. WHITE NEUROSURGICAL FUND Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		636.29
GEORGE WIGGLESWORTH FUND Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		54,837.25
WOODEN LEG FUND Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	631.99	7,600.00
TEMPORARY FUNDS Special Purposes 1,362,746.66 Endowment Income Undistributed to Funds 160,019.06		
TOTAL GENERAL HOSPITAL FUNDS	$1,607,971.50	$18,617,988.97

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	37,700.22
PATHOLOGY BUILDING FUND For the construction of a Pathology Building.	948,365.11
SUNDRY FUNDS	23,393.79
TOTAL BUILDING FUNDS	$1,009,459.12

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.	$ 21,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney. $1,500.00 Income added 111.38	1,611.38
Carried forward	$22,746.38

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward		$22,746.38
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	472.72	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,737.45
GENERAL FUND For any Hospital purpose.		244,712.05
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	455.72	2,560.95
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.	51.70	2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS Special Purposes Endowment Income Undistributed to Funds	151,806.47 6,075.33	
TOTAL McLEAN HOSPITAL FUNDS	$158,861.94	$935,307.75

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND For the publication of a history of the Hospital. Bequest of N. I. Bowditch.	$	$ 2,000.00
BETTY DUMAINE FUND To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,145.91
THEODORE JEWETT EASTMAN FREE BED FUND Income payable to a life interest.		14,300.50
EYEGLASS FUND Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	969.99	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies'Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship. Gift of Dr. Chester M. Jones .... 8,811.90 Sundry Gifts ..... 4,940.00 Income Added 4,395.92		18,147.82
SARAH PROCTOR JOSLIN FUND Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
Carried forward	$969.99	$75,799.85

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$969.99	$75,799.85
FANNIE NEWELL SIMES FUND Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND Income to be used as directed by vote of the Committee created under the Deed of Gift. Gifts of Massachusetts General Hospital Nurses Alumnae Association $15,421.82 Gift and Bequest of Miss Pauline L. Dolliver 10,663.73 Bequest of Mrs. Nathaniel Thayer 10,000.00 Sundry Gifts and Bequests 14,616.12 Income Added 116,212.59		166,914.26
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	2,334.70	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		16,307.03
Total Fiduciary Funds	$3,304.69	$292,910.98

SUMMARY

Principal Funds	$23,230,848.09
Temporary Funds	1,784,903.66
Funds Invested in Plant	17,845,856.74
General Hospital Director's Account	1,608,262.49
	$44,469,870.98
Gain	123,401.95
Funds	$44,593,272.93

Examination of Accounts

January 4, 1955

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1954 and the related income statements of the General Hospital and the McLean Hospital for the period ended at that date (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect, for the first time, a provision for depreciation in the amount of $480,960.90, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with the requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to express an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Subject to the exception noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1954 and the results of its operations for the period ended at that date in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period except as to depreciation.

Patterson, Teele and Dennis

GIFTS AND BEQUESTS 1953-4

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. Martin K. Alintuck	$ 25.00	
Mr. Edward W. Atkinson	6,000.00	
Mr. Jacob Fisher	300.00	
Mrs. Emery H. Greenough	5,000.00	
Mr. Sigmund Leve	27,685.00	
Mrs. Bertha M. G. Meyers	1,000.00	
Mrs. Elizabeth R. Vaughan	74,557.20	
Mrs. H. Sylvia A. H. G. Wilks	29,482.53	$144,049.73
Gifts of		
Mr. J. W. Farley	$ 300.00	
Mr. and Mrs. Henry R. Guild	500.00	
Mr. Francis W. Hatch	100.00	
Mr. John R. Macomber	3,000.00	3,900.00
		$147,949.73

GENERAL HOSPITAL FUNDS

Fund No.			
1010	FLORENCE M. AGOOS MEMORIAL FUND		
	Bequest of Mr. Solomon Agoos		10,000.00
1080	BAKER MEMORIAL FUND		
	Bequest of Miss Eunice McLellan Cruft	$ 17.64	
	Gift of Mr. Walter H. Kilham, Jr.	100.00	117.64
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Gifts of		
	Miss Caroline Baker	$ 5.00	
	Dr. Gerardo M. Balboni	200.00	
	Mr. Louis Caporale	100.00	
	In Memory of Mrs. M. Corleto	2.50	
	Mrs. Amadero Corriere	6.00	
	Mrs. Jennie Goni	10.00	
	Mrs. Anna I. MacDonald	100.00	
	In Memory of Mrs Barbara Onorato	25.00	
	Miss Delfina Parenti	100.00	
	Miss Delfina Parenti and Mrs. Zoe Parenti Borghi	50.00	
	In Memory of Mr. and Mrs. Joseph Pistorino	1,000.00	
	Sacred Heart Church, Boston	50.00	
	In Memory of Mrs Laura Santarelli	20.00	
	Mr. Peter Salvi	100.00	1,768.50
1270	M.G.H. CHAPEL FUND		
	Gift of Mr. Albert C. Nielsen		50.00
	Carried forward		$159,885.87

	Brought forward		$159,885.87
1290	M.G.H. ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		
	Gifts of		
	Anonymous	$ 2,166.25	
	Berman's Market Inc.	10.00	
	Mr. and Mrs Nobel Foss	400.00	
	Harvard Combined Charities Drive	3.00	
	In Memory of Mrs. Edith Allen Horton	37.00	
	In Memory of John M. Iacono	26.00	
	Mr. A. L. Kleven	200.00	
	In Memory of Mrs. Bertha E. Schrafft	70.00	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	16,000.00	
	Mr. Morris Shapiro	200.00	
	Mr. Morris Simlovich	1,500.00	
	Mr. and Mrs Richard P. Towne	500.00	21,112.25
1340	THE CUSHMAN FUND FOR SOCIAL SERVICE		
	Gift of Mrs. Charles F. Cushman		1,000.00
1360	CAROLINE ENGSTROM DAHL FUND		
	Gifts of		
	Brandegee Charitable Foundation	$ 450.00	
	Mellen Bray Trust #4	250.00	700.00
1710	INCOME UNRESTRICTED FUNDS		
	Samuel Appleton Fund		
	Bequest of Miss Maud E. Appleton	$ 650.00	
	Dr. H. C. Bickford Fund		
	Bequest of Miss Maria R. Bickford	2,291.38	2,941.38
1770	DANIEL FISKE JONES MEMORIAL FUND		
	Gifts of		
	Mrs. Daniel Fiske Jones	90.00	
	Mrs. J. Vaughan Merrick, 3rd	50.00	140.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND		
	Gifts of		
	Anonymous	$ 1,000.00	
	Mrs. Charles Weston	10.00	1,010.00
1820	MALLINCKRODT WARD FUND		
	Gift of Edward Mallinckrodt		120,063.71
1950	THE MIXTER FUND		
	Gift of Mr. William T. Crawford		1,000.00
2130	OUTPATIENT DEPARTMENT FUND		
	Gift of Dr. John D. Stoeckle		2.00
2260	RESEARCH AND TEACHING FUND		
	Gifts of		
	Abitbol & Bigio Ltda.	$ 100.00	
	C. F. Adams, Junior, Foundation	100.00	
	Mr. John Adams	100.00	
	Mrs. George R. Agassiz	250.00	
	Carried forward	$550.00	$307,855.21

Brought forward	$550.00	$307,855.21
Mrs. William T. Aldrich	100.00	
Dr. and Mrs. Arthur W. Allen	100.00	
Mrs. Frank G. Allen	100.00	
Mrs. Philip K. Allen	100.00	
Mr. and Mrs. Philip R. Allen	1,195.00	
Mr. Francis I. Amory	100.00	
Mr. Michael X. Andrews	100.00	
Mr. and Mrs David B. Arnold	300.00	
Mr. Charles F. Ayers	100.00	
B-W Charity Fund Inc.	100.00	
Mr. James Baddeley	100.00	
Mrs. Aaron Bagg, Jr.	100.00	
Mr. and Mrs. Vincent R. Bailey	100.00	
Baird & Bartlett Company	100.00	
Rt. Rev. Robert P. Barry	100.00	
Dr. and Mrs. Marshall K. Bartlett	200.00	
Mr. Sidney W. Bartlett	100.00	
Mrs. John W. Bartol	100.00	
Mr. Thomas R. Bateman	100.00	
Mr. and Mrs. Lawrence Beebe	100.00	
Blair Manufacturing Co.	100.00	
Mr. and Mrs. Henry M. Bliss	1,146.88	
Mr. and Mrs. Campbell Bosson	337.50	
Mrs. David A. Brayton	250.00	
Mr. and Mrs. Edward F. Breed	100.00	
Brockway-Smith-Haigh-Lovell Co.	100.00	
Mr. Elliot W. Brown	100.00	
Mr. L. B. Buchanan	673.44	
Dr. Nancy L. R. Bucher	100.00	
Mr. and Mrs. John M. Bullard	500.00	
A. S. Burg Charitable Foundation	100.00	
Miss Nina H. Burnham	200.00	
Mr. and Mrs. David H. Buttrick	2,000.00	
Mrs. H. G. Byng	100.00	
Dr. G. Colket Caner	100.00	
Dr. and Mrs. Bradford Cannon	100.00	
Mr. Eliot D. Canter	100.00	
Mr. and Mrs. Houghton Carr	100.00	
Mr. and Mrs. Lyndall F. Carter	1,000.00	
Miss Emilie L. Case	100.00	
Dr. Edwin F. Cave	600.00	
Mr. Carey J. Chamberlin	200.00	
Mr. Walter Channing	100.00	
Mr. and Mrs. E. Barton Chapin	200.00	
Mr. and Mrs. Buchanan Charles	2,000.00	
Dr. David Cheever	100.00	
Frederic C. Church Foundation	1,000.00	
Dr. Richard Chute	400.00	
Dr. George O. Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	200.00	
Mrs. Robert J. Clark	100.00	
Mrs. William E. Clark	100.00	
Mr. R. Perry Collins	250.00	
Cook Charitable Trust	100.00	
Mrs. James E. Cooper	500.00	
Mr. and Mrs. C. E. Cotting	100.00	
Carried forward	$17,302.82	-$307,855.21

Brought forward	$17,302.82	$307,855.21
Mrs. Gardner Cox	300.00	
Mrs. W. Carey Crane	100.00	
Dr. John D. Crawford	500.00	
Miss Lucy Clarendon Crehore	100.00	
Rev. and Mrs. John Crocker	100.00	
Mr. F. H. Cummer	1,000.00	
Mr. Charles K. Cummings	100.00	
Miss Frances G. Curtis	100.00	
Mr. and Mrs. Frederic H. Curtiss	100.00	
Mr. H. G. Cutler	100.00	
Mr. Fred L. Daggett	350.00	
Fred L. Daggett, Charitable Trust	250.00	
Mrs. Nelson J. Darling	100.00	
Dewey and Almy Chemical Company	250.00	
Mr. Frank A. Dewick	100.00	
Mr. Walter F. Dillingham	100.00	
Mr. Robert G. Dodge	100.00	
Dr. Gordon A. Donaldson	100.00	
Mrs. Samuel S. Drury	100.00	
Mr. and Mrs. Marshall Dwinnell	100.00	
Mrs. William Emerson	400.00	
Mr. and Mrs. Frederic A. Eustis	250.00	
Mr. Albert P. Everts	100.00	
Mr. William Ferguson	538.75	
Mr. Alfredo Ferrero	100.00	
Mr. Cyrus Y. Ferris	500.00	
First National Stores Inc.	1,000.00	
Mr. Frederick C. Fletcher	100.00	
Mrs. Alexander Forbes	200.00	
Mr. Allan Forbes	100.00	
Mrs. Allyn Forbes	100.00	
Mrs. Louis A. Frothingham	250.00	
Mrs. George F. Fuller	100.00	
Mrs. William Tudor Gardiner	100.00	
Mr. and Mrs. G. Peabody Gardner In Memory of Caleb Loring	400.00	
Mrs. George Peabody Gardner In Memory of Caleb Loring	100.00	
Mr. Emerson G. Gaylord	2,500.00	
The General Thread Mills, Inc.	100.00	
Mr. Hollis T. Gleason	100.00	
Mr. and Mrs. Frederic Gooding	100.00	
Mrs. Frederic S. Goodwin	200.00	
Mr. Crawford Gordon	1,000.00	
Mr. John L. Grandin	100.00	
Mr. Francis Gray	100.00	
Mr. Reginald Gray In Memory of Miss Dale Rollins	750.00	
Mr. David H. Greenberg	250.00	
Mrs. E. W. Grew	100.00	
Mr. and Mrs. Harold A. Grout	100.00	
Miss Helen Guild	100.00	
Mr. E. J. Halberg	500.00	
Mr. Norman Harrower	100.00	
Carried forward	$31,791.57	$307,855.21

Brought forward	$31,791.57	$307,855.21
Mr. Francis Hastings	100.00	
Mr. Merrill G. Hastings	100.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Hon. and Mrs. Christian A. Herter	200.00	
Miss Elizabeth L. Hewins	100.00	
Mr. Francis L. Higginson	250.00	
Mr. Frederick W. Hill	100.00	
Mr. Charles E. Hodges	100.00	
Mr. Harold D. Hodgkinson	107.33	
Mrs. W. H. Holcombe	100.00	
Mr. Amor Hollingsworth	500.00	
Miss Adelaide Homer	100.00	
The Hopedale Foundation	2,500.00	
Mr. Harry Horner	583.75	
Mr. and Mrs. Franklin P. Horton	100.00	
Mr. David H. Howie	100.00	
Mrs. Llewellyn Howland	250.00	
Miss Jane P. Hunnewell	100.00	
Miss Louisa Hunnewell	1,500.00	
Mr. Willard P. Hunnewell	100.00	
International Equipment Company	100.00	
Mrs. James Jackson	100.00	
Miss May L. Jacobs	100.00	
Mr. and Mrs. George N. Jepson	500.00	
Mr. T. E. Jewell	100.00	
Mr. Charles W. Johnson	100.00	
Mrs. John H. Johnson	100.00	
Mrs. Chester M. Jones	100.00	
In Memory of Dr. Daniel Fiske Jones	200.00	
Mr. Paul Jones	100.00	
Mr. and Mrs. Mark R. Jouett	100.00	
Mrs. Carl T. Keller	1,470.50	
Mr. and Mrs. Shaun Kelly	500.00	
Mr. Henry P. Kendall	200.00	
Kimbell Foundation, Inc.	250.00	
Mr. Benjamin Kulp	100.00	
Miss Aimee Lamb	200.00	
Mr. and Mrs. Henry A. Laughlin	498.00	
Mr. and Mrs. Louis Laven	100.00	
Mrs. George C. Lee	250.00	
Mrs. Lucy B. Lemann	200.00	
Dr. and Mrs. Robert R. Linton	100.00	
Mrs. H. de F. Lockwood	100.00	
Mr. W. B. Long	100.00	
Frank Losordo Sons, Inc.	100.00	
Mr. and Mrs. Ralph Lowell	1,000.00	
Lowell Sun Publishing Company	100.00	
Mr. John C. Makepeace	500.00	
Mr. Maurice B. Makepeace	100.00	
Marlboro Wire Goods Company	500.00	
Miss Eleanor P. Martin	100.00	
Mrs. Andrew Mason	100.00	
Massachusetts Indemnity Insurance Co.	100.00	
Mrs. George H. May	100.00	
Carried forward	$47,051.15	$307,855.21

Brought forward	$47,051.15	$307,855.21
Mr. William T. Maybury	100.00	
Mr. Robert W. Maynard	100.00	
Mr. W. R. McNeil	200.00	
Mr. Samuel S. McNeilly	100.00	
Mr. and Mrs. John P. McQueen	100.00	
Dr. J. H. Means	1,000.00	
Meigs Associates	500.00	
Metal Fabricators Corporation	100.00	
Mrs. Thomas N. Metcalf	512.44	
Mr. Charles A. Meyer	100.00	
Dr. Jost J. Michelsen	500.00	
Mr. and Mrs. Henry W. Minot	100.00	
Mr. and Mrs. James J. Minot	356.25	
George W. Mitton Memorial Foundation	500.00	
Mr. John A. Moir	100.00	
Morgan-Worcester Inc.	500.00	
Mrs. Henry A. Morss	501.88	
Mr. B. P. P. Moseley	100.00	
Mr. and Mrs. J. Lothrop Motley	100.00	
New England Electrotype Co.	500.00	
Northern Steel Inc.	100.00	
Mr. George Olmsted, Jr.	300.00	
Miss Elizabeth R. Peabody	100.00	
Mrs. E. Stuart Peck	200.00	
Mr. Elliott Perkins	100.00	
Mr. Donald P. Perry	100.00	
Mrs. Sherman Perry	100.00	
Mrs. Charles H. Pettit	500.00	
Mr. Richard Pigeon	100.00	
Polaroid Corporation	100.00	
Mr. A. K. Pope	100.00	
Mr. and Mrs. H. Glenn Powning, Jr.	100.00	
Mr. Roger Preston	100.00	
Raffi and Swanson, Inc.	100.00	
Reed & Barton Corporation	1,000.00	
Mr. J. Preston Rice	224.38	
Mr. and Mrs. John Richardson	100.00	
Miss Mabel Louise Riley	1,000.00	
Mr. Dwight P. Robinson, Jr.	472.19	
Mr. Fred N. Robinson	500.00	
Mr. George H. Rockwell	278.44	
Mr. Dudley P. Rogers	500.00	
Dr. and Mrs Horatio Rogers	200.00	
Bertha C. and Edward Rose Foundation	100.00	
Mr. James M. Rothwell	100.00	
Dr. Carter R. Rowe	100.00	
Sanborn Company	100.00	
Mr. Henry J. Sargent	100.00	
Mr. George L. Scherrer	100.00	
Mr. Carl N. Schmalz	100.00	
The Schweppe Foundation	1,000.00	
Miss Evelyn Sears	100.00	
Mrs. S. J. Shallow	1,000.00	
Mr. and Mrs. H. R. Shepley	200.00	
Carried forward	$62,696.73	$307,855.21

Brought forward	$62,696.73	$307,855.21
Mr. Howard L. Shuttleworth	100.00	
Mrs. Gifford K. Simonds	2,500.00	
A. L. Smith Iron Co.	200.00	
Miss Mary Byers Smith	100.00	
Mr. J. R. Snider	100.00	
Mrs. William B. Snow	100.00	
Mr. Joseph P. Spang, Jr.	238.75	
Mr. and Mrs. Huntley N. Spaulding	10,000.00	
Sprague Electric Company	1,000.00	
Mrs. Philip Stockton	562.25	
Mr. Robert G. Stone	1,000.00	
Suffolk Grocery Co., Inc.	100.00	
Miss Florence A. Sullivan	1,000.00	
Mrs. George H. Swift	1,000.00	
Mrs. John Sylvester	1,050.63	
Mrs. Charles H. Taylor	100.00	
Mr. and Mrs. E. Paul Tenney	100.00	
Miss Alice A. Thorp	500.00	
Mr. and Mrs. Walter P. Tobey	100.00	
Miss Elizabeth Townsend	100.00	
Miss Grace W. Treadwell	100.00	
Mr. and Mrs. Howard M. Turner	100.00	
United-Carr Fastener Corporation	1,000.00	
United Elastic Corporation	300.00	
Dr. Beth Vencent	500.00	
Mr. and Mrs. F. Frank Vorenberg	100.00	
Dr. Earl J. Waddington	100.00	
Mr. George R. Walker	131.88	
Mr. Edgar Ward	100.00	
Mr. John Ward	100.00	
Dr. and Mrs. John L. Ward	100.00	
Mrs. Guy Waring	100.00	
Mrs. Orville C. Waring	100.00	
Mrs. Samuel D. Warren	100.00	
Mrs. Edwin S. Webster	500.00	
Mr. Louis Weinberg	100.00	
Dr. Claude E. Welch	750.00	
Mrs. Arthur W. Wellington	100.00	
Albert B. Wells Trusts	700.00	
Mr. and Mrs. J. Cheney Wells	500.00	
Mr. and Mrs. B. F. Whalen	100.00	
Mr. and Mrs. Leeds A. Wheeler	200.00	
Mr. James N. White	100.00	
Whitinsville Spinning Ring Company	500.00	
Mr. and Mrs. Robert G. Wiese	113.00	
Dr. George B. Wilbur	100.00	
Mr. A. T. Wilkinson	300.00	
Mr. John B. Williams	213.75	
Miss Mary E. Williams	100.00	
Mr. and Mrs. Ben L. Wilson	100.00	
Mrs. Frederick Winsor	1,168.75	
Mr. Kennard Winsor	100.00	
J. W. Wood Elastic Web Co.	1,000.00	
Mr. and Mrs. Paul I. Wrenn	100.00	
Carried forward	$92,425.74	$307,855.21

	Brought forward		$92,425.74	$307,855.21
	Mr. Sydney J. Wrightson		100.00	
	*1999 Donations of under $100.00		41,524.38	134,050.12
2350	ELSIE M. ROBBINS SOCIAL SERVICE FUND			
	Gifts of			
	Miss Nora Costello	$ 600.00		
	In Memory of Mr. Harold Learned	25.00		
	Massachusetts Package Stores Assn., Inc.	1,000.00		1,625.00
2700	FRANCES KNOWLES WARREN FUND			
	Bequest of Mrs. Frances Knowles Warren			30,000.00
2750	GEORGE ROBERT WHITE FUND			
	Bequest of Mrs. Harriet J. Bradbury			24,590.40
2780	DR. JAMES C. WHITE NEUROSURGICAL FUND			
	Gifts of			
	In Memory of Mrs. Ruth P. Bruce	$ 527.25		
	Miss Lili Kohler	100.00		627.25
2815	UNRESTRICTED FREE BED FUNDS			
	Dr. Alfred Hosmer Free Bed Fund			
	Bequest of Miss Elizabeth S. Hosmer	$ 4.60		
	Max Leo Lipson Free Bed Fund			
	Gift of Mr. Max Leo Lipson	500.00		
	M. Louisa Goddard and Mary Crease Sears Free Bed Fund			
	Bequest of Miss E. Elizabeth Sears	10,000.00		
	Eleanor B. and Channing C. Simmons Free Bed Fund			
	Bequest of Dr. Channing C. Simmons	50,000.00		60,504.60
2835	HANNAH SUSAN JACKSON HARLOW FREE BED FUND			
	Bequest of Miss Hannah Jackson Harlow			8,947.32
2860	NURSES FREE BED FUND			
	Bequest of Miss Emily Adeline Snow			200.00
2869	SERIAH STEVENS FREE BED FUND			
	Gift through Trustee Under Will of			
	Dr. Ruey Bartlett Stevens			2,000.00
2875	CHILDREN'S FREE BED FUND			
	Gifts of			
	Mr. Salvatore Florino	$ 2.00		
	Mrs. Emma H. Foss	5.00		7.00
2910	CONVALESCENT HOSPITAL FUND			
	Gifts of			
	Mr. Theodore O. Nicholson	$ 2.00.00		
	Trustees Under Will of Mrs. Helen O. Storrow	2,140.00		2,340.00
	Carried forward			$572,746.90

Brought forward		$572,746.90

BUILDING FUNDS

GENERAL BUILDING FUND		
Gifts of		
Mr. and Mrs. Gordon Abbott	$ 100.00	
Mrs. Charles F. Adams	500.00	
Mrs. Edward B. Alford	100.00	
Mrs. Frank G. Allen	100.00	
Mr. and Mrs. Joseph B. Berry	100.00	
Miss Lucy Clarendon Crehore	100.00	
Mrs. Alan Cunningham	100.00	
Mrs. Stanley Cunningham	100.00	
First Boston Corporation	500.00	
Mr. Hollis T. Gleason	100.00	
Mr. Norman Harrower	100.00	
Mr. Joel D. Harvey	100.00	
Mrs. William R. Hedge	200.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Mrs. Henry W. Kneeland	100.00	
A. D. L. Foundation	500.00	
Miss Marjorie C. Loring	100.00	
Dr. and Mrs. John P. Monks	500.00	
Mr. and Mrs. Stephen Paine	200.00	
Mrs. E. Stuart Peck	200.00	
Penn Metal Company, Inc.	500.00	
Mr. Arthur K. Pope	100.00	
Mrs. George H. Powers	100.00	
Miss Mabel Louise Riley	100.00	
Mr. Dwight P. Robinson, Jr.	451.13	
Mr. and Mrs. Winthrop L. Sheedy	100.00	
Mr. John F. Spence	100.00	
Mr. Robert H. Stevenson	300.00	
Mr. Charles W. Thiery	100.00	
Mr. and Mrs. Franklin T. Towle	100.00	
Tredennick-Billings Co.	100.00	
United Merchants Foundation	250.00	
Dr. John L. Ward	100.00	
Mrs. Charles W. Whittier	100.00	
Miss Emily Williston	300.00	
*478 Gifts of Under $100.00	10,999.50	17,700.63
NEUROSURGICAL OPERATING ROOM		
Gifts of		
Anonymous	$10,000.00	
Mr. Henry R. Guild	100.00	10,100.00
NURSES' HOME		
*31 Gifts of Under $100.00		533.00
OFFICE—OUTPATIENT BUILDING FUND		
Gift of Dr. and Mrs. Walter Bauer		100.00
Carried forward		$601,180.53

Brought forward		$601,180.53
PATHOLOGY BUILDING FUND		
Gifts of		
Mr. Roger Amory	$ 100.00	
Gifts from 14 Anonymous Donors	354,321.50	
Boston Wire and Cable Co.	500.00	
Colonial Management Associates	300.00	
Davies, Rose & Company Limited	500.00	
The Dean Welfare Trust	500.00	
Mr. W. Endicott Dexter	100.00	
First National Stores Inc.	2,500.00	
Mr. and Mrs. Francis C. Gray	1,000.00	
Miss Mary E. Hanley	110.76	
Mrs. Robert Homans	2,200.00	
Mr. William P. Husband	1,000.00	
Mrs. James Lawrence	200.00	
Mr. Stanley Lawton	300.00	
Mr. J. Franklin McElwain	2,500.00	
W. H. Nichols Company	500.00	
Dr. and Mrs. Philip Phillips	1,000.00	
Mrs. Eugene H. Pool	500.00	
In Memory of George v. L. Meyer, Jr.		
Mrs. W. Elliott Pratt, Jr.	465.63	
K. J Quinn & Co., Inc.	500.00	
A. C. Ratshesky Foundation	500.00	
Dr. Fred A. Simmons	169.00	
Mr. and Mrs. Alan Steinert	187.31	
Mr. Robert G. Stone	1,000.00	
Mr. E. Kent Swift	517.50	
Mr. Samuel J. Tomasello	100.00	
Edwin S. Webster Foundation	3,000.00	
Mrs. Stephen M. Weld	100.00	
In Memory of Dr. Tracy Mallory	55.00	$374,726.70
		$975,907.23

McLEAN HOSPITAL FUNDS

Fund No.			
60	GENERAL FUND		
	Gifts of		
	Mrs. Charles A. Coolidge	$ 100.00	
	Student Association, McLean School of Nursing	75.00	175.00
			$976,082.23

FIDUCIARY FUNDS

CHESTER MORSE JONES FELLOWSHIP FUND		
Gifts of		
Mr. David C. Crockett	$ 40.00	
Dr. Chester M. Jones	217.88	
In Memory of Sarah G. McCarthy	1,000.00	1,257.88
TOTAL PRINCIPAL FUNDS		$977,340.11

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

SUBSCRIBERS TO ANNUAL FREE BEDS

Mrs. William H. Ames	$ 200.00
Mr. Francis Henry Appleton	100.00
"In Memory of Fanny Tappan Appleton" "In Memory of Francis Henry Appleton"	
Mrs. Nelson S. Bartlett	100.00
Mr. Thomas P. Beal	100.00
"In Memory of Mrs. Ida DeFord Beal"	
Mr. and Mrs. Thomas P. Beal	100.00
Mrs. Taylor Black	500.00
Mrs. J. D. Cameron Bradley	100.00
Miss Ellen T. Bullard	100.00
Mr. and Mrs. Robert J. Clark	100.00
"In Memory of Ensign Robert FitzGerald Clark"	
Miss Lucy Clarendon Crehore	100.00
"In Memory of Charles L. Crehore"	
Mr. and Mrs. S. V. R. Crosby	100.00
Miss Isabella Curtis	100.00
Mrs. Louis Curtis	100.00
"In Memory of Louis Curtis"	
Mr. and Mrs. Louis Curtis	100.00
Miss Margaret Curtis	125.00
Miss Mary Curtis	100.00
Mrs. Malcolm Donald	100.00
Mr. and Mrs. Augustus H. Eustis	100.00
"In Memory of Ernest W. Bowditch"	
Mrs. Stephen S. FitzGerald	500.00
"In Memory of Francis Blake"	
Mr. and Mrs. Francis C. Gray	400.00
Mrs. C. Nichols Greene	200.00
"In Memory of Charlotte Peabody Nichols" "In Memory of Grace Nichols Strong"	
Mrs. Richard Walden Hale	100.00
Mrs. Arthur D. Hill	200.00
Mrs. James Jackson	200.00
Miss Aimee Lamb	1,000.00
Mrs. Gardiner M. Lane	100.00
Mr. Ralph Lowell	100.00
"In Memory of Mary Ellen Lowell"	
Mr. and Mrs. Ralph Lowell	100.00
"In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital"	
Mr. Russell H. MacBride	1,000.00
Mr. and Mrs. Samuel Mixter	250.00
Mrs. Henry A. Morss	200.00
Mr. and Mrs. Henry A. Morss, Jr.	200.00
Mrs. Franklin H. Palmer	100.00
Mr. and Mrs. William A. Parker	300.00
Carried forward	$7,275.00

Brought forward	$7,275.00	
Miss Amelia Peabody	200.00	
Dr. and Mrs. Francis M. Rackemann "In Memory of Mr. and Mrs. S. P. Mandell"	100.00	
Mr. Neal Rantoul	1,000.00	
Saint Paul's Episcopal Church, Dedham	100.00	
1916 Sewing Circle	100.00	
Miss Eleanor Sohier	100.00	
Mrs. Philip Stockton	100.00	
Mr. and Mrs. Malcolm B. Stone	100.00	
Mrs. Edwin S. Webster	1,120.69	
Mrs. Rudolph Weld	200.00	
"In Memory of Rudolph Weld" Women's Italian Club of Boston	112.00	$ 10,507.69

CURRENT EXPENSE FUND

Gifts of

Agoos Family Charity Fund	$ 250.00	
Mr. Allen J. Ash	200.00	
Mr. and Mrs. Henry B. Bigelow	200.00	
Mrs. Henry G. Bradlee	100.00	
Dr. Madelaine Brown	100.00	
Miss Alice P. Chase	100.00	
Trustees Under Will of Miss Caroline Chickering	5,696.09	
Mrs. William C. Cox	200.00	
Committee of the Permanent Charity Fund Inc.	17,000.00	
Miss Lucy Clarendon Crehore	150.00	
Mrs. Freeman Day	100.00	
Mrs. Thaddeus C. DeFriez	100.00	
Mrs. William Dexter	100.00	
Mrs. Eben S. Draper	250.00	
Mr. and Mrs. Frederic A. Eustis	100.00	
Mrs. James F. Faulkner	200.00	
Mrs. Elisha Flagg	100.00	
Miss Edith M. Fox	250.00	
Mr. R. H. Ives Gammell	500.00	
Mr. and Mrs. Francis C. Gray	600.00	
Mrs. Reginald Gray	500.00	
Mr. Reginald Gray	1,000.00	
Mr. Henry V. Greenough	100.00	
Grosberg Family Charity Fund, Inc.	100.00	
Dr. Lucie Jessner	300.00	
Mrs. Gardiner M. Lane	350.00	
Bequest of Sigmund Leve	3,111.53	
Mrs. Frederick J. Leviseur	100.00	
Dr. Robert R. Linton	150.00	
Miss Marjorie C. Loring	100.00	
Dr. and Mrs. L. S. McKittrick	100.00	
Mr. and Mrs. Donald Moffat	100.00	
Mr. and Mrs. William A. Parker	500.00	
Miss Amelia Peabody	300.00	
Mr. and Mrs. John R. Post	150.00	
Mrs. George H. Powers	100.00	
Carried forward	$33,357.62	$10,507.69

Brought forward	$33,357.62	$10,507.69
Mr. Neal Rantoul	1,000.00	
Mrs. Arthur W. Rice	100.00	
Miss Mabel Louise Riley	150.00	
Mr. and Mrs. William Bentinck-Smith	100.00	
Mr. and Mrs. Malcolm B. Stone	175.00	
Miss Elizabeth Townsend	200.00	
United Community Services	194,869.50	
Mrs. George E. Warren	500.00	
Dr. and Mrs. Charles J. White	200.00	
Mr. and Mrs. Orrin G. Wood	100.00	
*69 Donations of Under $100.00	1,694.47	232,446.59
DR. JOSEPH C. AUB PORTRAIT FUND		
Gifts of Sundry Donors		45.00
CUSHMAN FUND FOR SOCIAL SERVICE		
Gift of Mrs. Charles F. Cushman		100.00
KAYPE FUND		
Gifts of		
Anonymous	$1,000.00	
Mr. and Mrs. Francis C. Gray	500.00	
Mr. John R. Macomber	2,589.63	4,089.63
MACOMBER FUND		
Gifts of		
Mr. John R. Macomber	$4,000.00	
Mallinckrodt Chemical Works	560.05	4,560.05
SMITH-PETERSEN FOUNDATION		
Gift of Mrs. and Mrs. G. Peabody Gardner .... "In Memory of Mrs. Theodore Brown"		100.00
STEVENS FOUNDATION FUND		
Gift of Nathaniel and Elizabeth P. Stevens Foundation		50,000.00
		$301,848.96

Funds For Special Purposes

ANESTHESIA DEPARTMENT

Fund No.		
3005	U.S. Public Health Service Fund for Study of Relationship of Thyroxin to the Reflex Sympathoadrenal Release and Effects of Epinephrine and Norepinephrine u/d Dr. Brewster	$ 9,839.00
3022	National Academy of Sciences Fund for Analgesic Potency Studies of Post-operative Patients in Pain u/d Dr. Beecher	3,429.25
3030	Mallinckrodt Chemical Works Fund For Research in Anesthetics u/d Dr. Beecher	9,654.00
	Carried forward	$324,771.21

*The publication of these 2,577 names would require 51 additional pages. They are regretfully omitted in the interest of economy.

	Brought forward		$324,771.21
3036	National Foundation for Infantile Paralysis, Inc. Fund for Study of the Action Potential and Electrotonus in Tracts of the Mammalian Spinal Cord u/d Dr. Beecher		44,954.00
	BIOCHEMISTRY RESEARCH LABORATORY		
3170	Sundry Gifts at the Disposal of Dr. Lipmann		
	American Cancer Society, Inc.	$ 500.00	
	National Foundation for Infantile Paralysis, Inc.	2,910.00	
	U.S. Public Health Service	500.00	
	Dr. John L. Wood	100.00	4,010.00
3221	Life Insurance Medical Research Fund for Research on Enzyme Mechanisms in Biosynthesis u/d Dr. Lipmann		15,660.00
3228	U.S. Public Health Service Fund for Study of Carboxyl Activation as a Preliminary in Biosynthetic Reaction u/d Dr. Lipmann		10,791.00
3229	U.S. Public Health Service Fund for Study of Enzyme Reactions in Biosynthetic Systems u/d Dr. Lipmann		10,500.00
3256	Rockefeller Foundation Fund for Research u/d Dr. Lipmann		8,999.94
	BLOOD BANK		
3300	Sundry Gifts for Support of the Blood Bank		
	American Austrian Benefit Association	$ 15.00	
	General William A. Borden	75.00	
	Mrs. Henry L. Taylor	100.00	190.00
	BRAIN WAVE LABORATORY		
3340	Burroughs Wellcome & Co. (USA) Inc. Fund for Clinical Investigation of Various Drugs in the Treatment of Parkinson's Disease		1,270.00
3350	Sterling-Winthrop Research Institute Fund for Research in Myasthenia Gravis		1,500.00
3360	Hoffman-La Roche Inc. Fund for Study of Muscle Fatigue		2,791.00
3365	Warner-Hudnut, Inc. Fund for Clinical Investigation of Various Drugs u/d Dr. Schwab		2,100.00
3375	Neuropharmacological Research Fund		
	American Cyanamid Company	$1,500.00	
	Ayerst Laboratories	1,191.38	
	Batrow Laboratories, Inc.	702.00	
	Eli Lilly and Company	2,440.00	
	Parke, Davis & Company	1,103.00	
	Charles Pfizer & Co., Inc.	468.00	
	Mr. Mario Putianski	25.00	
	A. H. Robins, Inc.	1,875.00	
	Carried forward	$9,304.38	$427,537.15

	Brought forward	$9,304.38	$427,537.15
	Mr. Arthur Roy	25.00	
	Sandoz Chemical Works, Inc.	1,562.50	
	Schering Corporation	1,250.00	12,141.88
3390	Edwin Minot Memorial Fund for Research in Electroencephalography		
	Mrs. Helen Butler	$ 70.00	
	Miss Margaret D. Manning	200.00	270.00
3406	Parke, Davis & Company Fund for Research in the Use of Antihistamines in Parkinsonism u/d Dr. Schwab		1,103.00
3410	Myasthena Gravis Foundation Fund for Research u/d Dr. Schwab		1,500.00
	CANCER RESEARCH		
3450	M.G.H. Cancer Research Fund Bequest of Miss Marion L. Wheeler		5,760.00
3474	American Cancer Society, Inc. Fund for Research in the Field of Cancer		92,706.00
3475	American Cancer Society, Inc. Fund for Research in the Field of Cancer		39,829.00
3512	Damon Runyon Memorial Fund for Cancer Research u/d Dr. Churchill		26,592.00
3606	American Cancer Society, Inc. Fund for Research on the Protein Metabolism of Neoplastic Tissue u/d Drs. Zamecnik and Aub		3,948.61
3607	American Cancer Society, Inc. Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		1,500.00
3611	American Cancer Society, Inc. Fund for Research in Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		7,500.00
3612	American Cancer Society, Inc. Fund for Research in Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		3,572.75
3630	Dean Welfare Trust Fund to Supply Special and Unusual Drugs and Medicine for Huntington Patients		50.00
3640	"Aid for Cancer Research Fund" for the Support of Dr. Albert Schilling		1,150.00
3690	Godfrey M. Hyams Trust Fund at the disposal of Dr. Aub		10,800.00
3700	American Cancer Society, Inc. Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		4,819.00
3701	American Cancer Society, Inc. Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		1,625.00
	Carried forward		$642,404.39

	Brought forward		$642,404.39
3715	Dr. Ira T. Nathanson Memorial Fund for Cancer Research u/d Dr. Aub		
	"In Memory of Mrs. Elizabeth K. Lyeth"	$ 423.00	
	"In Memory of Dr. Ira T. Nathanson"	3,281.50	3,704.50
3746	Jane Coffin Childs Memorial Fund for Study of Urinary Steroid Metabolites in Cancer u/d Dr. Engel		8,380.00
3747	Jane Coffin Childs Memorial Fund for Study of Urinary Steroid Metabolism in Cancer u/d Drs. Aub and Engel		8,380.00
3756	American Cancer Society (Mass. Div.) Fund for Study of Mechanisms Involved in Human Tumor Response to Steroids and Chemotherapeutic Agents u/d Dr. Baker		4,870.00
3770	U.S. Public Health Service Fund for Study of Ferritin and Hemin Synthesis u/d Dr. Zamecnik		10,016.00
3870	Sundry Gifts for Research u/d Dr. Aub		
	"In Memory of Mrs. Esther W. Apthorp"	$ 25.00	
	"In Memory of Louis Baer"	1.00	
	Bennett Mutual Associates	25.00	
	"In Memory of Bernard Berg"	2.00	
	Mrs. Henry C. Berlin	100.00	
	"In Memory of Joseph Blunda"	85.00	
	The Bordeaux Belles	30.00	
	"In Memory of Miss Mary Campbell"	15.00	
	"In Memory of Mrs. Marian B. Coan"	10.00	
	"In Memory of Robert Cook"	50.00	
	"In Memory of Mrs. Marie D'Aloisio"	70.00	
	"In Memory of Irwin Dershowitz"	5.00	
	"In Memory of Simon England	200.00	
	"In Memory ofMrs. Madeline D. Frisoli"	265.00	
	Mr. Joseph F. Ford	500.00	
	"In Memory of Mrs. Lena Fruit"	2.00	
	"In Memory of Frank E. Gage"	10.00	
	"In Memory of Louis A. Gale"	50.00	
	Mr. and Mrs. Russell C. Ghen	5.00	
	"In Memory of Mrs. Edith Greenberg"	60.00	
	"In Memory of Mrs. Helen Greenberg"	13.00	
	"In Memory of Mrs. Anna Harris"	2.00	
	"In Memory of Mrs. Bertha Harrison"	3.00	
	"In Memory of Mrs. Alice Holzman"	4.00	
	"In Memory of Henderson Inches"	100.00	
	"In Memory of Mrs. Alice Jacobson"	10.00	
	"In Memory of Samuel L. Lowe"	27.00	
	"In Memory of Everett L. MacLeod"	10.00	
	"In Memory of Mrs. Wilhelmina W. Martin"	60.00	
	"In Memory of Michael J. McGonagle"	5.00	
	Dr. Ira T. Nathanson	30.00	
	"In Memory of Lewis Newman"	1.00	
	Carried forward	$1,775.00	$675,164.89

	Brought forward	$1,775.00	$675,164.89
	Mrs. Hyman Reingold	200.00	
	"In Memory of Joseph Rose"	41.00	
	Mrs. Philip Silverman	10.00	
	Mrs. W. Wood Smith	65.00	
	"In Memory of W. Wood Smith"	104.00	
	"In Memory of Mrs. Fred C. Solberg"	5.00	
	"In Memory of Beryl Stuart"	5.00	
	"In Memory of Emlyn S. Vose"	73.00	
	Miss Eileen Weller	25.00	
	"In Memory of Charlotte Werksman"	1.00	
	"In Memory of Mrs. Louise C. Whelan"	10.00	
	"In Memory of Elizabeth G. Wilson"	5.00	2,319.00
3871	Sundry Gifts for the Salary of Dr. Zamecnik "In Memory of Mrs. Elizabeth B. Ritchie"		1,000.00
3904	U.S. Public Health Service Fund for a Histochemical Study of Growth and Neoplasia u/d Dr. Scott		9,014.00
3911	American Cancer Society, Inc. Fund for a Histochemical Study of Growth and Neoplasia u/d Dr. Scott		6,000.00
3915	U.S. Public Health Service Fund for Study of Nuclear and Cytoplasmic Factors Controlling Cellular Growth u/d Dr. Aub		13,880.00
3921	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		20,677.09
3922	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		29,050.90
3925	Atomic Energy Commission Fund for Cancer Research u/d Dr. McDermott		3,763.89
3926	Atomic Energy Commission Fund for Cancer Research u/d Dr. McDermott		6,859.50
4119	American Cancer Society (Mass. Div.) Fund for the Salary of a Research Secretary u/d Dr. Kelley		3,715.20
	DERMATOLOGY SERVICE		
4340	Upjohn Company Fund for Clinical Evaluation of Ointments and Lotions u/d Drs. Blank and Manchester		3,000.00
4426	Parke, Davis & Company Fund for Study of the Reaction of Adhesive Tape on the Skin u/d Dr. Blank		5,700.00
4430	White Laboratories, Inc. Fund for Research u/d Dr. Frazier		10,750.00
4460	American Cancer Society, Inc. Fund for the Support of Dr. Robert Griesemer		6,000.00
	Carried forward		$799,484.47

	Brought forward		$799,484.47
ENDOSCOPY SERVICE			
4500	Maud Benson Benedict Memorial Fund for Endoscopy and Research Drs. Edward B. and Patricia H. Benedict		500.00
FREE CARE			
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		2,000.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		2,000.00
4625	Sundry Memorial Gifts for Free Care		
	"In Memory of Mrs. Esther W. Apthorp"	$ 50.00	
	"In Memory of Harry B. Burley"	85.00	
	"In Memory of Walter F. Carley"	25.00	
	"In Memory of Henry Cannon Clark"	100.00	
	"In Memory of Mr. Cohen"	5.00	
	"In Memory of Miss Ellen W. Coolidge"	50.00	
	"In Memory of Mrs. Ada Hancock Dorr"	25.00	
	"In Memory of Asher Glass"	9.00	
	"In Memory of Mrs. Corina C. Guild"	87.00	
	"In Memory of Harry Horner"	25.00	
	"In Memory of Dr. Richard B. King"	10.00	
	"In Memory of Dr. C. Guy Lane"	10.00	
	"In Memory of Caleb Loring"	575.00	
	"In Memory of John Marcus"	5.00	
	"In Memory of Mrs. Elise Nevins Morgan"	60.00	
	"In Memory of Mrs. Isabella L. Mumford"	460.00	
	"In Memory of Thomas O'Gorman"	50.00	
	"In Memory of Miss Dale Rollins"	5.00	
	"In Memory of Arthur J. Shinners, Jr."	25.00	
	"In Memory of William J. Underwood"	387.00	
	"In Memory of Mrs. Eva Zimmerman"	8.00	2,056.00
4626	Sundry Gifts from Grateful Patients for Free Care		
	Miss Natica Bates	$ 10.00	
	Mr. Charles T. Fife	10.00	
	Mrs. Josephine Fitzgerald	4.00	
	Mrs. J. E. Gale	5.00	
	Mr. Edward P. Garland	100.00	
	Mr. George E. Hamilton	100.00	
	Mr. John Higgins	60.00	
	Mr. Rudolph Kahn	2.00	
	Miss Dorothea Lonergan	2.00	
	Mr. Frank Metcalf	10.00	
	Mr. Arthur O. Wellman	285.30	
	Wentworth Institute	12.50	
	Mr. David T. Wilson	10.00	610.80
	Carried forward		$806,651.27

	Brought forward		$806,651.27
4680	Sundry Gifts for the Purchase of Penicillin, Adrenal Cortex and Other Expensive Therapeutic Agents for Needy Patients		
	Mr. Donald McKay Frost		100.00
GYNECOLOGY SERVICE			
4681	National Academy of Sciences Fund for Research u/d Dr. McArthur		1,625.00
MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS			
4810	Ladies' Visiting Committee Fund for Secretarial Work for the Ladies' Visiting Committee		263.90
4860	Sundry Gifts at the Disposal of the General Director		
	The Dean Welfare Trust	$ 50.00	
	Mr. John R. Macomber	4,400.00	
	Universal Pictures Co., Inc.	600.00	5,050.00
4870	Ladies' Visiting Committee "Travelli" Fund		1,700.00
4880	M.G.H. Private Duty Nurses Fund at the Disposal of the Director of the Phillips House		227.70
MEDICAL SERVICE			
5040	M.G.H. Research Fund		
	American Cyanamid Company	$10,000.00	
	Armour and Company	7,500.00	
	"In Memory of David Garfinkle"	2.00	
	"In Memory of Dr. John Homans"	3.00	
	"In Memory of Dr. Richard B. King"	5.00	
	Parke, Davis & Company	5,000.00	
	"In Memory of Mason T. Rogers"	10.00	
	G. D. Searle & Co.	4,000.00	
	Sterling-Winthrop Research Institute	5,000.00	
	Mr. Richard W. Thorpe	20.00	
	The Upjohn Company	10,000.00	
	"In Memory of Simeon J. Whitney"	35.00	41,575.00
5081	Sundry Gifts for the Medical Arts Department		
	Mrs. Muriel McLatchie Miller		100.00
5162	Loofbourrow Memorial Fund for the Study of Hypertension u/d Dr. Palmer		
	"In Memory of Kenerick Mills"	$ 50.00	
	Mrs. E. M. Slocombe	15.00	
	Mrs. Augustus H. Vogel	25.00	90.00
5163	Good Will Fund for Research at the Disposal of Dr. Gerardo Balboni		
	Mrs. Zoe Parenti Borghi	$ 50.00	
	"In Memory of Mrs. Laura Santarelli"	25.00	
	"In Memory of Mrs. Elizabeth Scena"	100.00	175.00
	Carried forward		$857,557.87

	Brought forward		$857,557.87
5165	National Science Foundation Fund for a Study of the Mode of Action of the Antidiuretic Hormone u/d Dr. Leaf		1,000.00
5170	American Heart Association Fund for Study of Distribution of Large Water Load and Site of Action of Cortisone u/d Dr. Leaf		1,312.50
5185	U.S. Public Health Service Fund for Study of Proteolytic Enzymes u/d Dr. Berg		11,084.00
5195	Massachusetts Heart Association Fund for Study of Factors Regulating Renal Excretion of Water and Electrolytes u/d Dr. Leaf		4,108.00
5210	Atomic Energy Commission Fund for Study of Radiation Effect on the Thyroid u/d Dr. Stanbury		12,671.00
5308	U.S. Public Health Service Fund for Study of the Relationship of the Cerebral Cortex to Circulation in Man u/d Dr. Chapman		9,879.84
5314	American Heart Association Fund for Extracelluluar Fluid Volume Studies u/d Dr. Leaf		3,720.93
5318	U.S. Public Health Service Fund for the Expenses of Dr. Tuttle		500.00
5326	National Academy of Sciences Fund for the Expenses of Dr. Postel		500.00
5361	U.S. Public Health Service Fund for Study of Parometers of the Thyroid Gland u/d Dr. Brownell		7,940.00
5380	U.S. Public Health Service Fund for Study of Application of Scintillation Counters to Multiple Tracer Experiments u/d Dr. Brownell		4,255.00
5405	Atomic Energy Commission for a Research Program to Establish A Beryllium Case Registry u/d Dr. Hardy		16,903.00
5411	U.S. Public Health Service Fund for Research on the Diagnosis of Beryllium Poisoning, Asbestosis and Allied Pulmonary Diseases u/d Dr. Hardy		11,332.47
	MEDICAL SERVICE, ALLERGY CLINIC		
5420	Upjohn Company Fund For Study of Hydrocortisone vs. Cortisone in Perennial, Intractable Ashthma u/d Dr. Burrage		5,000.00
5430	Sundry Gifts at the Disposal of Dr. Burrage		
	Anonymous	$6,000.00	
	Mrs. William T. Aldrich	200.00	
	Mr. Charles V. Briggs	41.60	
	Carried forward		$947,764.61

	Brought forward		$947,764.61
	The Mary Dexter Fund Inc.	1,000.00	
	Mrs. Aldus C. Higgins	500.00	
	Parker Charitable Foundation	300.00	
	Mrs. Lewis I. Prouty	5,000.00	13,041.60
	MEDICAL SERVICE, ARTHRITIS		
5441	U.S. Public Health Service Fund for Study of the Synthesis of Biologically Important Derivatives of Glucosamine and Chondrosamine u/d Dr. Jeanloz —		3,996.00
5442	U.S. Public Health Service Fund for Study of the Carbohydrate Components of Connective Tissue u/d Dr. Jeanloz		10,942.00
5449	Eli Lilly and Company Fund for Research u/d Dr. Bauer		20,000.00
5450	Gifford K. Simonds Memorial Fund for Arthritic Research u/d Dr. Bauer Mrs. Gifford K. Simonds		2,500.00
5459	Helen Hay Whitney Foundation Fund for Study of Connective Tissue and Serum u/d Dr. Bauer		20,613.25
5461	U.S. Public Health Service Fund for Study of Glycoproteins in Rheumatic Disease u/d Dr. Schmid		6,682.00
5466	American Heart Association Fund for Study of the Biological Significance of the Sulfate Group in Herapins u/d Dr. Jeanloz		3,937.50
5471	U.S. Public Health Service Fund for Training in the Rehabilitation of Arthritics u/d Dr. Bauer		9,250.00
5486	U.S. Public Health Service Fund for Study of the Biochemistry of Amino Sugar-Containing Tissue Constituents u/d Dr. Soodak		12,160.00
	MEDICAL SERVICE, BIOLOGY		
5491	Rockefeller Foundation Fund for Research in Endocrinology and Metabolism u/d Dr. Albright		4,000.00
5520	Sundry Gifts for Support of Laboratory u/d Dr. Albright		
	Ayerst Laboratories	$2,250.00	
	Ayerst, McKenna & Harrison Limited	1,500.00	
	Dr. Julia Deming	50.00	
	Mrs. Joseph J. Gottlieb	1,000.00	4,800.00
5525	American Cancer Society Fund for the Laboratory Expenses of Dr. Moldower		500.00
5530	Mallinckrodt Chemical Works Fund for the Support of Dr. Albright		1,000.00
	Carried forward		$1,061,186.96

	Brought forward		$1,061,186.96
	MEDICAL SERVICE, CARDIAC		
5540	Sundry Gifts for Coronary Research u/d Dr. Paul D. White		
	Longhill Charities	$ 500.00	
	Mr. Benjamin Marks	25.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	"In Memory of Langford Warren"	304.75	
	Mr. John W. Wood	1,000.00	1,929.75
5574	U.S. Public Health Service Fund for Study of Pulmonary Hypertension u/d Dr. Bland		7,500.00
5586	Massachusetts Heart Association Fund for the Purchase of Plastic Valves for Experimental Treatment of Free Aortic Regurgitation u/d Dr. Bland		800.00
5590	Mickles Fund for Cardiac Research u/d Dr. Bland		
	Mr. and Mrs. John B. Mickles		1,500.00
5597	U.S. Public Health Service Fund for Biochemical Study of Cardiac and Skeletal Muscle u/d Dr. Gergely		11,361.00
5606	Life Insurance Medical Research Fund for Biochemical Study of the Heart Muscle u/d Dr. Gergely		5,400.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	Dr. E. F. Bland and Associates	$10,710.25	
	Cardiac Catheterization Group	125.00	
	"In Memory of Mrs. Elizabeth A. Cloney"	5.00	
	"In Memory of Frank S. De Avilla"	10.00	
	Mr. Charles A. Fish	25.00	
	Dr. Allan L. Friedlich	50.00	
	Mrs. Eva Gopen and Mrs. Bessie Berger	50.00	
	"In Memory of Mrs. Ziney Patricia Hart"	15.00	
	"In Memory of Leslie D. Hawkridge"	25.00	
	"In Memory of Walter S. Kerr"	10.00	
	"In Memory of Dr. Armin Klein"	2.00	
	"In Memory of A. M. McVie"	15.00	
	"In Memory of Joseph Worth"	5.00	
	Dr. W. Franklin Wood	10.00	11,057.25
5615	Sundry Gifts for Research u/d Dr. Sprague		
	Anonymous	$ 1,432.13	
	Dr. Elmer Johnson	50.00	
	Dr. Walter D. Pool	50.00	1,532.13
5617	Allied-Laboratories Fund for Salary of Technician on Protoveratrine Studies u/d Dr. Currens		1,500.00
5620	Eli Lilly and Company Fund for a Study of Hypertension u/d Dr. Currens		2,000.00
	Carried forward		$1,105,767.09

	Brought forward		$1,105,767.09
5622	Massachusetts Heart Association Fund for Study of Objective and Automatic Recording of Blood Pressure u/d Dr. Currens		2,808.00
5641	Agnes Blake FitzGerald Fund for Cardiac Research u/d Dr. Bland Mrs. Stephen S. FitzGerald		1,000.00
5645	U.S. Public Health Service Fund for a Genetic Study of Rheumatic Fever, etc. u/d Dr. Cohen		7,450.00
5650	Stephen Salisbury Fund for Cardiac Research u/d Dr. Bland Mr. Stephen S. FitzGerald		2,881.25
	MEDICAL SERVICE, GASTROINTESTINAL		
5715	U.S. Public Health Service Fund for the Expenses of Dr. Ragland		500.00
5731	Upjohn Company Fund for Gastrointestinal Motility Studies u/d Drs. Jones and Chapman		3,978.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Mr. J. H. Frandsen	$ 10.00	
	Dr. Chester M. Jones	110.00	
	Mr. Walter H. Kilham, Jr.	200.00	
	Mr. Robert Kuhn, Jr.	100.00	
	Longhill Charities	500.00	
	Mr. Harlan K. Simonds, Jr.	100.00	1,020.00
	MEDICAL SERVICE, BACTERIOLOGY		
5900	U.S. Public Health Service Fund for Study of Antigen Antibody Reactors in Gels u/d Dr. Ouchterlony		15,593.00
5916	U.S. Public Health Service Fund for Study of the Antigenic Components of the Mumps Virus u/d Dr. Kunz		3,154.19
5921	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		5,928.67
5922	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		5,953.00
	NEUROLOGICAL SERVICE		
5970	Sundry Gifts for Research u/d Dr. Adams "In Memory of Frank M. Curtis"	$ 5.00	
	Mrs. George H. Swift	1,000.00	1,005.00
6011	U.S. Public Health Service Fund for Study of Demyelination u/d Dr. Adams		17,077.41
6012	U.S. Public Health Service Fund for Study of Demyelination u/d Dr. Adams		18,200.00
	Carried forward		$1,192,315.61

	Brought forward		$1,192,315.61
6051	U.S. Public Health Service Fund for Studies of Sensory Stimulation of the Human Brain u/d Dr. Brazier		10,913.00
6130	Charles A. King Trust Fund for Neurological Research u/d Dr. Adams		10,000.00
6160	U.S. Public Health Service Fund for Study of the Pathogenesis of Psychiatric and Neurological Diseases Induced by Chronic Alcoholism u/d Dr. Adams		28,985.00
NEUROSURGICAL SERVICE			
6218	Atomic Energy Commission Fund for Research in Neutron Therapy of Neoplasm u/d Dr. William Sweet		31,000.00
6223	Atomic Energy Commission Fund for Study of the Effect of Ionizing Radiations on the Peripheral Nerve u/d Dr. Gasteiger		3,215.00
6226	Atomic Energy Commission Fund for Research with Positron Emitters u/d William Sweet		22,680.00
6245	U.S. Public Health Service Fund for Study of Determination of Transfer Rates of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell		3,645.00
6246	U.S. Public Health Service Fund for Study of Determination of Transfer Rates of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell		3,645.00
6330	Neurosurgical Research Fund u/d Dr. J. C. White		
	Anonymous	$10,000.00	
	Dr. Andrew de Roetth	200.00	10,200.00
6331	Hazel Gannett Memorial Fund for Neurosurgical Research u/d Dr. J. C. White		
	Mrs. Lewis I. Prouty		150.00
6351	U.S. Public Health Service Fund for Study of Relief of Intractable Pain from Cancer by Stereotactic Methods u/d Dr. W. Sweet		7,000.00
6406	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Radioactive and Stable Isotopes u/d Dr. Dr. J. C. White		4,200.17
6407	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Radioactive and Stable Isotopes u/d Dr. J. C. White		4,996.00
6430	Sundry Gifts for Research u/d Dr. W. Sweet		
	Mrs. Harry M. Ford		1,000.00
	Carried forward		$1,333,944.78

	Brought forward		$1,333,944.78
6460	June Rockwell Levy Foundation Fund for Neurosurgical Research u/d Dr. W. Sweet		18,750.00
6470	U.S. Public Health Service Fund for the Study of Hydrocephalus u/d Dr. W. Sweet		6,885.00
	NURSING SERVICE		
6550	Sundry Gifts for a Nursing Survey in the Phillips House u/d Miss Sleeper and Mrs. Braman		
	Mrs. Eliot Farley		500.00
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing		
	Mrs. Howard Hayes	$ 60.00	
	Dr. Louis Lasagna	12.50	
	MGH School of Nursing, Class of 1944	23.00	
	Nurses Alumnae Association	100.00	
	Dr. Robert R. Trotter	5.00	
	Worcester County MGH Club	25.00	
	Miss Louise S. Zutter	25.00	250.50
6630	Sundry Gifts for the Palmer-Davis Library		
	Miss Anna K. Donovan		500.00
	OCCUPATIONAL THERAPY		
6690	Ladies' Visiting Committee Fund for Salaries of Occupational Therapists		2,000.00
	ORTHOPEDIC SERVICES		
6710	U.S. Public Health Service Fund for Advanced Clinical Training in Physical Medicine and Rehabilitation u/d Dr. Barr		6,250.00
6740	Smith-Petersen Foundation Fund at the disposal of Dr. Aufranc		6,200.00
6760	Sundry Gifts for Foot Research Studies of the Sling Operation u/d Dr. Joplin		
	Dr. Howard L. Apollonio	$ 25.00	
	Dr. Raymond A. Dillon	25.00	
	Mrs. Charles H. Pettit	500.00	
	Dr. Joel Rosenberg	100.00	650.00
6770	Arthur Godfrey Foundation Fund for a Fellowship in Orthopedic Surgery u/d Drs. Aufranc and Barr		10,000.00
6780	Research Fund Appropriation for Follow-Up Study of Slipped Femoral Epiphysis u/d Dr. Joplin		
	Mr. Nat Goldsmith	$ 5.00	
	"In Memory of Dr. Armin Klein"	10.00	
	Mrs. Leonard D. Nectow	2.00	
	Mrs. Charles D. White, Jr.	2.00	19.00
6873	National Foundation for Infantile Paralysis Fund for Poliomyelitis Research u/d Dr. Barr		11,554.00
	Carried forward		$1,397,503.28

	Brought forward		$1,397,503.28
6880	Sundry Gifts for Research on Pain in the Low Back u/d Dr. Barr		
	Mr. Harold D. Ashe	$ 25.00	
	Mr. Bernard C. Brown	100.00	
	Dr. Alvin M. Cahan	50.00	
	Dr. Guy A. DiStasio	15.00	
	Mr. Charles S. Elkind	100.00	
	Liberty Mutual Insurance Company	3,333.00	
	Mrs. Norman S. Rabb	100.00	
	Mr. Joseph Rabinovitz	100.00	3,823.00
6900	Sundry Gifts at the Disposal of Dr. Barr		
	Dr. Harvey Billig	$ 25.00	
	"In Memory of Dr. Armin Klein"	628.00	
	Dr. M. F. Pettler	250.00	
	"In Memory of Robert Robinson"	1.00	
	Dr. R. A. Weitemier	25.00	
	Mr. Lawrence Winship	25.00	954.00
PATHOLOGY DEPARTMENT			
6925	Massachusetts Heart Association Fund For Histochemical Study of the Distribution of Acetylcholinesterase on Cardiac Muscle u/d Dr. Castleman		4,851.90
6930	Buffington's Inc. Fund for Salary of Part-Time Curator of Pathological Museum and Other Purposes		250.00
6960	Sundry Gifts and Receipts at the Disposal of Dr. Castleman		
	Mr. and Mrs. Haskell Cohn	$ 25.00	
	Mr. and Mrs. Sol Horwitz	25.00	
	Dr. and Mrs. Meier Karp	20.00	
	Mr. and Mrs. Alfred Krips	5.00	
	Dr. and Mrs. Arnold L. Segal	15.00	
	Mr. and Mrs. Moses Slotnik	25.00	
	Mr. and Mrs. Milton C. Wasby	20.00	135.00
6980	U.S. Public Health Service Fund for Study of Acetycholinesterase Distribution u/d Dr. Castleman		8,734.00
7010	American Cancer Society Fund for Study of the Neutral Red Granule (Golgi) u/d Dr. Morgan		2,941.00
7011	American Cancer Society Fund for Study of the Neutral Red Granule (Golgi) u/d Dr. Morgan		1,139.50
7023	U.S. Public Health Service Fund for Study of the Histological Changes in the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman		4,886.09
	Carried forward		$1,425,217.77

	Brought forward		$1,425,217.77
7024	U.S. Public Health Service Fund for Research on the Histology of the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman		6,163.00
7031	U.S. Public Health Service Fund for a Histochemical Study of the Functions of Interstitial and Sertoli Cells of the Testes u/d Dr. Castleman		3,671.00
7040	U.S. Public Health Service Fund for Lantern Slide Material to be Used With MGH Published Case Records u/d Dr. Castleman		11,469.00
	PEDIATRIC SERVICE		
7120	U.S. Public Health Service Fund for the Expenses of Dr. W. R. Eberlein		500.00
7232	Mead Johnson & Co. for Research u/d Dr. N. B. Talbot		5,000.00
7270	Sundry Gifts and Receipts for Research u/d Dr. Butler		
	Miss Susan Farist Butler		10.00
7290	Sundry Gifts for Expensive Medicines, Care and Treatment of Children		
	Mr. George E. Hersey	$ 200.00	
	"In Memory of Patrick Jeanloz"	25.00	225.00
	PHARMACY DEPARTMENT		
7420	Gilman Brothers Inc. Fund for Purchase of Equipment for the Pharmacy		350.00
	PHYSICAL THERAPY		
7481	U.S. Public Health Service Fund for Training in Physical Medicine and Rehabilitation u/d Dr. Watkins		5,187.00
7490	U.S. Public Health Service Fund For Training of Fellows in Physical Medicine and Rehabilitation u/d Dr. Watkins		6,250.00
7500	Pope Foundation Fund for Research in Physical Medicine and Rehabilitation		
	Drs. T. L. DeLorme and A. L. Watkins		136.40
	PSYCHIATRIC SERVICE		
7511	U.S. Public Health Service Fund for Study of the Relation of Psychosomatic Diseases to Specific Psychological Factors u/d Dr. Nemiah		7,646.00
7605	Sundry Gifts for the Psychiatric Department u/d Dr. Cobb		
	Dr. Stanley Cobb		65.29
	Carried forward		$1,471,890.46

	Brought forward		$1,471,890.46
7630	Sundry Gifts for Child Psychiatry u/d Dr. Jessner		
	Anonymous	$ 100.00	
	Dr. Gaston Blom	352.50	
	Mrs. Anna Brett	10.00	
	Mr. Leonard Coppelman	10.00	
	Miss Eleanor DuToit	20.00	
	Miss Marion B. Farnsworth	500.00	
	Miss Ruth Goldstein	7.50	
	Mr. Franklyn Holzman	17.50	
	Dr. William Horwitz	7.50	
	Dr. James Krasnoff	25.00	
	Dr. Donald Lewis	95.00	
	Mrs. B. H. York	5.00	1,150.00
7625	U.S. Public Health Service Fund for Study of the Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Blom		17,981.00
7635	U.S. Public Health Service Fund for Study of the Allergic and Emotional Factors in Asthma u/d Dr. Burgin		7,545.00
7687	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Butler		17,577.00
7688	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Jessner		14,202.00
7690	Mrs. Roberts W. Lovett Memorial Fund for Research on Rheumatism and Arthritis u/d Dr. Jessner		
	New England Chapter of the Arthritis & Rheumatism Foundation, Inc.		6,000.00
	RADIOLOGY DEPARTMENT		
7771	Sundry Gifts for the Radiology Research Room u/d Dr. Robbins		
	Dr. Allan L. Friedlich		25.00
7775	Sundry Gifts at the Disposal of Dr. Robbins		
	Anonymous		2,500.00
7815	Sundry Gifts for the X-Ray Department u/d Dr. Robbins		
	Anonymous	$ 1,000.00	
	Dr. Norman S. Garrison	25.00	
	"In Memory of W. Wood Smith"	25.00	
	Dr. Stanley M. Wyman	24.60	1,074.60
	Carried forward		$1,539,945.06

	Brought forward		$1,539,945.06
RESEARCH COMMITTEE			
7939	M.G.H. Research Fund Fund for Cardiovascular Research u/d Dr. Frantz Charles A. King Trust		10,000.00
7945	U.S. Public Health Service Fund for Study of Cholesterol Metabolism in Relation to Arteriosclerosis u/d Dr. Frantz		2,886.00
7984	U.S. Public Health Service Fund for Study of Isolation of Toxic Substances from Peptones and from Antigen and Antibody Complexes u/d Dr. Berg		4,499.00
SOCIAL SERVICE			
8019	American Cancer Society (Mass. Div.) Fund for Services and Materials for Cancer Patients u/d Miss Barbour		2,500.00
8040	William H. Coburn Fund for Baker Memorial Social Service		100.00
8070	Committee of the Permanent Charity Fund for Social Service		1,500.00
8220	Charles H. Hood Dairy Foundation Fund for Summer Expenses of Children with Health Problems		870.00
8250	Ladies' Visiting Committee Fund for Social Service		444.00
8280	Jessie Gwendolen Morse Fund for Social Service		400.00
8400	Sundry Gifts for Christmas Gifts for Patients		
	Mary A. Crabtree Christmas Fund	$ 100.00	
	Miss Edith S. Fisher	25.00	
	Miss Mabel Louise Riley	25.00	
	Miss Doris E. Sawyer	10.00	160.00
8460	Helen Snow Memorial Fund for Social Service Mrs. Estelle Platine		10.00
SURGICAL SERVICE			
8560	U.S. Public Health Service Fund for Study of the Metabolism of Amino Acids in Neoplastic Tissue u/d Dr. Nardi		7,000.00
8580	William S. Eaton Fund for Special Research u/d Dr. Weille		
	Anonymous	$ 1,000.00	
	Miss Amelia Peabody	7,633.00	8,633.00
	Carried forward		$1,578,947.06

	Brought forward		$1,578,947.06
8550	Weld Surgical Instrument Fund for the Purchase and Maintenance of Surgical Instruments for the General Operating Room		
	Anonymous		4,900.00
8590	Massachusetts Heart Association Fund for Measurement of Live Blood Flow by Means of Radioactive Colloid in Patients Undergoing Portacoral Shunts for Portal Hypertension u/d Dr. Nardi		2,880.00
8641	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in the Presence of ECK Fistula and Liver Disease u/d Dr. McDermott		5,466.00
8662	U.S. Public Health Service Fund for Study of Intracellular Electrolytes in Surgical Patients u/d Dr. Raker		4,200.00
8780	American Heart Association Fund for Study of Grafting Valve-Containing Veins into Veins u/d Dr. Shaw		918.75
8790	Sundry Gifts for Peripheral Vascular Investigations u/d Dr. Linton		
	Mr. Harry Goorno	$ 50.00	
	Mr. Louis Kaufman	1,000.00	
	Dr. George E. Young	100.00	1,150.00
8799	U.S. Public Health Service Fund for Study of Peripheral Arteriosclerosis of the Lower Extremities u/d Dr. Linton		11,008.06
8820	Sundry Gifts at the Disposal of Dr. Cope		
	Anonymous	$ 1,000.00	
	In Memory of Mrs. Joan Scott Wilcox	1,045.00	
	Mr. William S. Youngman, Jr.	200.00	2,245.00
8850	Sundry Gifts at the Disposal of Dr. Churchill		
	Mr. and Mrs. Herman Lippman	$ 10.00	
	Dr. J. Gordon Scannell	300.00	
	Mr. James Welansky	200.00	510.00
	UROLOGY SERVICE		
8920	U.S. Public Health Service Fund for Study of Kidney Function after Obstruction u/d Dr. Kerr		10,940.00
8931	American Cancer Society (Mass. Div.) Fund for Study of Transplantation of Human Malignant Tumors into Rats and Hamsters Treated with Cortisone u/d Dr. Kerr		3,800.00
8940	Sundry Gifts at the Disposal of Dr. Colby		
	Mr. Arthur D. Hall		75.00
	Carried forward		$1,627,039.87

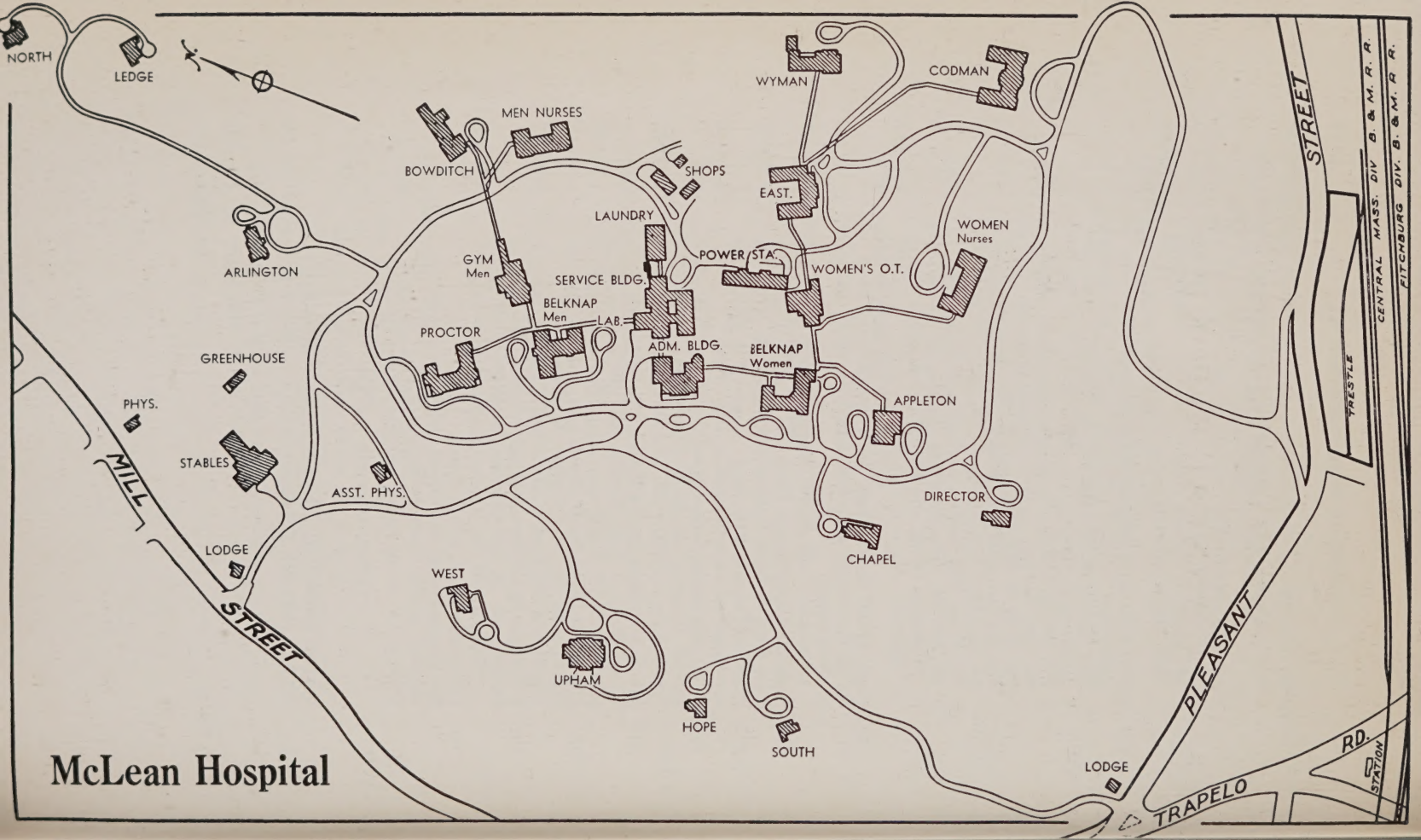
Brought forward $1,627,039.87

McLEAN HOSPITAL FUNDS

	Current Expense Fund		
	Mr. Charles E. Di Pesa	$ 500.00	
	Mr. Morris F. LaCroix	1,000.00	
	Miss Mollie Silverman	25.00	1,525.00
100	Sundry Gifts at the Disposal of the Director		
	Anonymous	$ 505.00	
	Mrs. Charles A. Coolidge	100.00	
	Mr. Philmore Haber	50.00	
	Mr. Gustav Hirsch	100.00	
	Mr. Saul Kaplan	150.00	
	Mr. John R. Macomber	2,200.00	
	Dr. and Mrs. Henry M. Pollock	1,000.00	
	Mr. and Mrs. John Prekup	1,900.00	
	Mr. Frank Hill Smith	200.00	
	Mr. and Mrs. Alan Steinert	187.31	
	"In Memory of Mr. and Mrs. W. V. Z. Wilson"	50.00	6,442.31
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients		
	Bequest of Frank Attwill Newlin		3,580.00
211	American Cancer Society Fund for a Study of Brain Strandin u/d Dr. Folch		7,326.38
212	American Cancer Society Fund for a Study of Brain Strandin u/d Dr. Folch		1,750.00
303	U.S. Public Health Service Fund for the Isolation of Brain Proteins in Native State u/d Dr. Folch		3,588.43
304	U.S. Public Health Service Fund for the Study of Brain Proteins and Lipoproteins u/d Dr. Folch		6,345.00
351	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch		5,674.74
352	U.S. Public Health Service Fund for Research on the Chemistry of Brain Lipides u/d Dr. Folch		5,751.00
381	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Studies Upon the Brain u/d Dr. Folch		5,500.00
	TOTAL INCOME FUNDS		$1,674,522.73

TOTAL PRINCIPAL FUNDS	$977,340.11	
TOTAL INCOME FUNDS	1,674,522.73	$2,651,862.84

HENRY R. GUILD
Treasurer



McLean Hospital

ONE HUNDRED AND THIRTY-SEVENTH

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A Division of the

MASSACHUSETTS GENERAL HOSPITAL

1954

WAVERLEY : MASSACHUSETTS

McLEAN HOSPITAL

WAVERLEY, MASSACHUSETTS

Member of

MASSACHUSETTS HOSPITAL ASSOCIATION

MASSACHUSETTS MEDICAL ASSOCIATION

Accredited by

AMERICAN COLLEGE OF PHYSICIANS

AMERICAN COLLEGE OF SURGEONS

AMERICAN HOSPITAL ASSOCIATION

AMERICAN MEDICAL ASSOCIATION

AMERICAN PSYCHIATRIC ASSOCIATION

SCHOOL OF NURSING

Accredited by

NATIONAL NURSING ACCREDITING SERVICE

AMERICAN PSYCHIATRIC ASSOCIATION

MASSACHUSETTS BOARD OF REGISTRATION IN NURSING

ADMISSION OF PATIENTS

THE MCLEAN HOSPITAL, is a division of the Massachusetts General Hospital and is a private, voluntary, non-profit institution. It is organized and equipped for the intensive study and treatment of patients suffering from nervous or mental diseases.

Applications for the admission of patients may be made at any time at the McLean Hospital by the attending physician.

Information concerning the details of admission will be given by telephone or letter. The telephone number is Belmont 5-0700.

Preference is given to those patients in whom a favorable result from treatment may be expected. Patients with doubtful prognosis may be admitted for observation.

A limited number of patients suffering from alcoholism or drug addiction may be received in accordance with the laws of the Commonwealth.

Patients who seem likely to require a longer period of care may be admitted when there is room and are otherwise suitable.

Patients are admitted in accordance with the laws of this Commonwealth on a physician's certificate, by commitment or voluntarily, depending upon the circumstances.

LOCATION: The Hospital is in the Waverley section of Belmont, about seven miles from Boston, and can be reached in about twenty minutes by automobile, or in about thirty minutes by the Cambridge subway, transferring at Harvard Square to a Waverley surface car. The Hospital is about one-quarter of a mile from the street car terminus. The address for letters and telegrams is Waverley 79, Massachusetts.

Officers of the McLean Hospital, 1955

President
John R. Macomber

Vice-President
Phillips Ketchum

Treasurer
Henry R. Guild, 1 Federal Street

Secretary
Reginald Gray, 15 State Street

Trustees

1935 Francis C. Gray, 10 Post Office Square
1928 Phillips Ketchum, 1 Federal Street
1934 John R. Macomber, 75 Federal Street
1939 Henry R. Guild, 1 Federal Street
1940 Ralph Lowell, 100 Franklin Street
1941 *Rt. Rev. Robert P. Barry, 71 Warner Street, West Somerville
1943 Lloyd D. Brace, 67 Milk Street
1944 *Mrs. Robert Homans, 280 Beacon Street
1947 Francis W. Hatch, 1220 Statler Office Building
1947 John E. Lawrence, 60 Batterymarch Street
1947 *Professor Francis O. Schmitt, Department of Biology
Massachusetts Institute of Technology, Cambridge
1949 *Francis P. McCarthy, M.D., 371 Commonwealth Avenue

Other Members of the Corporation

Mrs. Frank G. Allen
Philip K. Allen
John S. Ames, Jr.
Robert Amory, Jr.
O. Kelley Anderson
Mrs. David B. Arnold
G. Storer Baldwin
Mrs. James T. Baldwin
Harry J. Blake
Mrs. Henry M. Bliss
Mrs. Lloyd D. Brace
J. Howard Bushway
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J. O. Stubbs
Thomas C. Thacher
Mrs. Augustus Thorndike
Richard K. Thorndike, Jr.
Dr. Roy J. Heffernan
Harvey P. Hood
Edward L. Hubbard
Arnold Hunnewell
James Jackson
Michael T. Kelleher
William T. Kemble
John F. Kennedy
Henry A. Laughlin
Alfred L. Loomis
Joseph W. Lund
Arthur T. Lyman
Mrs. Andrew Mason
Dr. W. Jason Mixter
Henry V. Morgan
George Olmsted, Jr.
James H. Orr
Mrs. Brooks Potter
George Putnam
Miss Anna Revere
Russell Robb
Joseph Santosuosso
Rt. Rev. Henry K. Sherrill
Alan Steinert
Abbot Stevens
Raymond Stevens
James Jackson Storrow
Samuel J. Tomasello
Dr. John B. Vernaglia
F. Frank Vorenberg
E. A. Weeks, Jr.
Hon. Charles E. Wyzanski

*Appointed by the Governor.

McLEAN HOSPITAL COMMITTEE

Ralph Lowell, *Chairman*

Rt. Rev. Robert P. Barry

John E. Lawrence

ADMINISTRATION

Director
W. Franklin Wood, M.D., F.A.C.H.A.

Assistant Director
Joseph T. Prekup, R.N., B.S.

DIRECTORS OF DEPARTMENTS

Comptroller
Thomas J. Burley
Blanche Miller (Assistant)

Executive Assistant to the Director
Willa F. Pasho, B.S.

Chief Engineer
Russell H. Baxter

Laundry Manager
Edward E. Bourget, II

Steward
Alexander Armour
Warren E. Russell (Assistant)

Pharmacist
George R. Zager, Reg. Ph., M.A.

Maintenance Chief
Milton J. MacKinnon

Housekeeping
Mary T. Girard

Grounds and Transportation
Howard R. Gallant

School of Nursing and Nursing Service

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

Assistant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Conner, R.N.

Assistant Director School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed.

MEDICAL OFFICERS OF THE McLEAN HOSPITAL

Consulting Staff

E. Stanley Abbot, M.D., *Psychiatrist*
James B. Ayer, M.D., *Neurologist*
Stanley Cobb, M.D., *Psychiatrist*
William Jason Mixter, M.D., *Surgeon*
Harry C. Solomon, M.D., *Psychiatrist*
Paul D. White, M.D., *Cardiologist*

McLEAN HOSPITAL STAFF—1955

Superintendent Emeritus

Frederic H. Packard, M.D.

Director

W. Franklin Wood, M.D., F.A.C.H.A.

Chief of Service, Acting

Paul M. Howard, M.D.

Psychiatrists

William H. Bower, M.D. Maria Lorenz, M.D.

Associate Psychiatrists

Francis L. A. de Marneffe, M.D.
J. Douglass Sharpe, M.D.
Peter E. Sifneos, M.D.

Assistant Psychiatrists

Ruth B. Beuscher, M.D. William F. Beuscher, M.D.
Arthur J. Cain, M.D. Ruth S. Weiss, M.D. James A. Haycox, M.D.

Assistants in Psychiatry

John G. Clark, M.D.
Mark M. Walter, Jr., M.D.

Psychologist

Irene R. Pierce, PH.D.

Director of Internal Medicine and of Research in Clinical Physiology

Mark D. Altschule, M.D.

Clinical Assistants in Medicine

Virginia B. Calkins, M.D.
Gordon D. Winchell, M.D.

Dental Surgeon

Gilman W. Haven, D.D.S.

Roentgenologist

Joseph Hanelin, M.D.

Director of Scientific Research

Jordi Folch-Pi, M.D.

Advisory Committee to Director of Scientific Research

A. Baird Hastings, PH.D., *Chairman*
Stanley Cobb, M.D.
Donald D. Van Slyke, PH.D.
Walter Bauer, M.D.
Rafael Lorente de No', M.D.
W. Franklin Wood, M.D.
Paul M. Howard, M.D.

Associate Neuropathologist
Alfred Pope, M.D.

Assistant Neuropathologist
Helen H. Hess, M.D.

Assistant Biochemists
Samuel Bogoch, M.D.
Francis N. LeBaron, PH.D.
Marjorie B. Lees, PH.D.
Huntington Porter, M.D.

Research Fellow in Biochemistry
Gerald H. Sloane-Stanley, PH.D.

Research Fellow in Neuropathology
Norman J. Allen, M.D.

SCHOOL OF NURSING

McLean Hospital School of Nursing Advisory Committee
Mr. Edmund Mattos, Chairman
Mrs. Robert Homans
Mr. William S. Nagle
Mrs. Bancroft Beatley
Mrs. A. Elizabeth Osler
Mrs. Francis T. Hunter
Mrs. James M. Baty
Mrs. Mildred Makin
Mr. Charles Jenney
Miss Stella Goostray
W. Franklin Wood, M.D., *Ex-officio*
Paul M. Howard, M.D., *Ex-officio*
Miss Margaret C. Tibbetts, *Secretary*

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

Assistant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Conner, R.N.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed.

Second Assistant Director of School of Nursing and Instructor in Sciences
Frances Foley, R.N., B.S. in Nurs. Ed.

Supervisors and Clinical Instructors
Evangeline R. Dumont, R.N., B.S. in Nursing
Daniel H. Lennox, R.N., B.S. in Nursing

Instructor in Nursing
Helen M. Curtis, R.N., B.S. in Nursing

Assistant Instructor in Nursing
John J. Grady, Jr., R.N.

Supervisor of Health and Operating Room
Leslie E. McMordie, R.N., B.S.

Instructor in Sciences
Mary Isabel Newton, B.S., M.A.

Supervisors
John P. Pitcherale, R.N., B.S. in Nurs. Ed.
Ruth MacLeod, R.N.
Janet E. Duboyce, R.N.
Katheryne D. Davidson, R.N.
Virginia B. Ladd, R.N.

UNIT HEADS AND ASSISTANTS

Occupational Therapists
Daniel A. Joy, R.N., O.T.R.
Elaine S. Pinkham, O.T.R.

Assistants
Ruth T. Arnold, O.T.R.
Constance Doliber, O.T.R.
Blake S. Miller
Catherine H. Moore

Music Therapist
Homer P. Whitford, D.MUS.

Physical Therapists
Doris C. Heusel, R.N.
Thomas A. Crapo, R.N.

Recreational Therapists
Angus MacDonald
Virginia M. Neal, B.S.

Assistant
John L. Wentworth, R.N.

Dietitian and Instructor in Nutrition
Pauline O. Walker, B.S. in Ed.

Personnel
Alison J. Coolidge, M.A.
Patricia F. Thornton, A.B. (Assistant)

X-ray
Herbert A. Davidson

Chauffeur
Albert L. Wilder

Library
Ruth K. Church

Medical Records Librarian
Katherine M. Milligan

Seamstress
Cretie Harris

McLean Hospital, Somerville, Massachusetts
1811

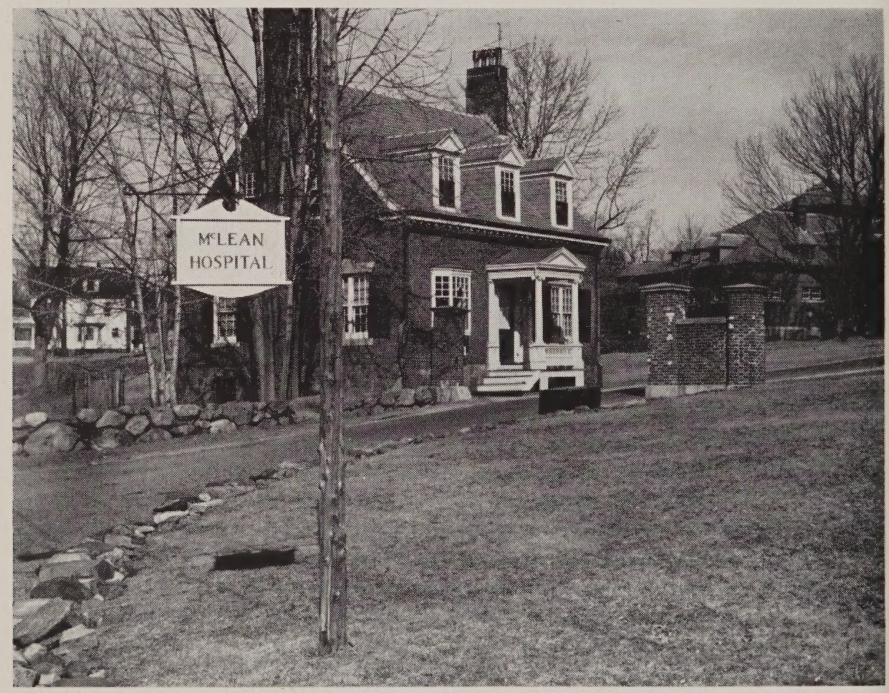
McLean Hospital, Waverley, Massachusetts

Report of the Director of the McLean Hospital

To the Trustees of the Massachusetts General Hospital:

The report of the McLean Hospital for the year ending December 31, 1954 is respectfully submitted.

THIS year is the 143rd year since the Charter was granted to found the Massachusetts General Hospital including the Asylum, later known as the McLean Hospital. It is interesting to note that McLean is the third oldest private mental hospital in the country and the first hospital in New England.



Mill Street Gate Lodge, Entrance to McLean Hospital

The past year has been a busy one and many major repairs have had to be made. The excessive cost of these repairs, added to the expense of the Hurricane damage not covered by insurance, resulted in the largest deficit the hospital has experienced since its founding. However, we are glad to say that at the end of the year the physical plant was in the best condition it has been for more than 20 years.

There were 255 patients admitted to the hospital during 1954 and 267 were discharged during the same period. Of the patients discharged, 31 were recovered, 163 were improved, 41 were without psychosis, 15 were discharged as not improved and 17 were deceased.

It is most gratifying to us all to see the large number of patients who recover and return to their normal places in the community. Their ability to resume happy and useful lives is certainly an inspiration to continue the work of this hospital, whose main objective has always been the best possible care of the mentally ill.

The reports of the Director of the School of Nursing and the Chief of the Medical Service as well as the reports of other department heads appear later.

During the year there have been many interesting activities. One of the most interesting and impressive ceremonies was the Nursing School's Investiture. Mrs. Dorothy Hayward, Director of the Greater Boston Nursing Council, gave a fine address and ten young men and four girls were invested with ties or caps.

The graduation exercises of the Nursing School were high-lighted by an inspiring talk by George E. Gardner, Ph.D., M.D., Professor of Psychiatry and Director of the Judge Baker Guidance Center.

In June, two of our physicians, Dr. Mark D. Altschule and Dr. Willis H. Bower attended the American Medical Association Convention in California and reported on the successful use of Chlorpromazine in the treatment of certain mental diseases.

Golf, tennis and badminton have continued to be popular pastimes for both patients and employees. During the winter, several players from the University Club gave an exhibition in badminton.

An original variety show, "Penny's Progress", written and given by the patients, and "Hot Water", given by the employees and nurses, were both excellent productions and thoroughly enjoyed by both the participants and the audiences.

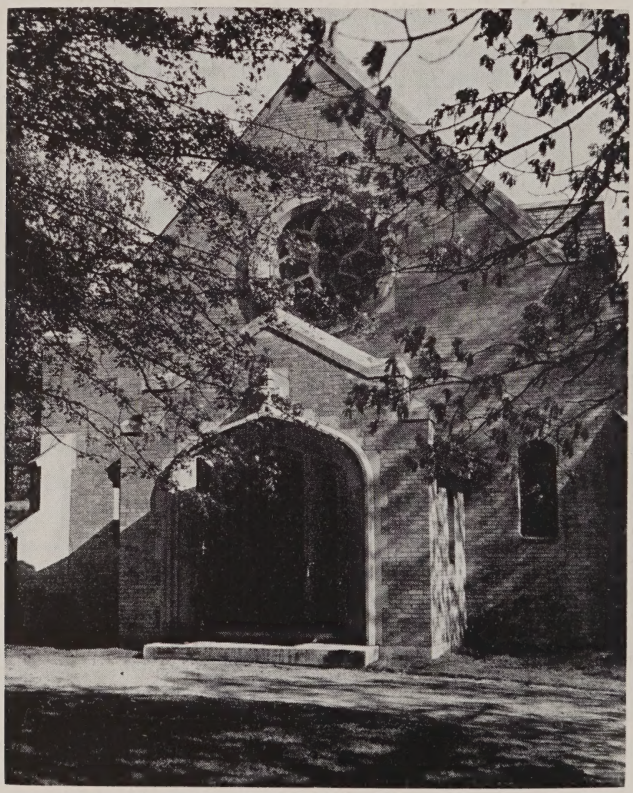
In June the patients formed a group known as the "Patients' Activities Association". More about this will be told in Dr. Howard's report.

The Fourth of July celebration was well attended, as always. There were golf and tennis matches in the morning and in the afternoon various games and races were held in the Proctor Yard.

The Christmas festivities and decorations were especially well carried out this year. The Childrens' Party with Santa Claus and gifts was attended by 215 children belonging to the Hospital Family. The Employees' Party was very well attended and the Patients' Party was a great success, planned and carried out by the Patients' Activities Association. Carol singing by the Student Nurses was followed by a gathering at the Women Nurses' Home for refreshments.

The religious needs of the hospital have been cared for by our Chaplain, Reverend Robert C. Defenderfer, Monsignor Sullivan and his Staff and the Stigmatine Fathers. Mass has been celebrated Sunday mornings and Holy Days and the Protestant Services on Sunday afternoons. During the summer, Vespers were held in the Garden of Women's Belknap.

We regret to report the death of our Hospital Chaplain, Reverend Cuthbert Fowler. Reverend Fowler came to this hospital October 1, 1933 and retired October 1, 1953. He was faithful in his work and greatly admired by patients and employees.



The Chapel

On June 25, 1954, Mr. Joseph T. Prekup was appointed as Assistant Director. We are very happy to have Mr. Prekup; he is well trained and qualified for this position.

We wish to announce two appointments to the Medical Staff, Dr. Arthur J. Cain and Dr. Ruth S. Weiss. We were sorry to have Dr. William M. Crowell leave us to work at the Childrens' Medical Center.

Our Chief Engineer, Mr. Chester V. Emerson, resigned and in September Mr. Russell H. Baxter was appointed Chief Engineer.

We were glad to have Miss Pauline Olson, now Mrs. Michael Walker, return as Dietitian.

This year we had a happy celebration awarding Service Pins to 56 members of the hospital family. A fine dinner was served by Mr. Armour and his department. Mr. and Mrs. Lowell honored us with their attendance and Mr. Lowell presented one Fifty-Year pin, three Forty-Year pins, seven Thirty-Year pins, seventeen Twenty-Year pins and twenty-eight Ten-Year pins.

Mr. Ralph Lowell, Chairman of the McLean Hospital Committee, presents the Right Reverend Robert P. Barry with a pin in recognition of his ten years' service on the committee

I would like to express my sincere appreciation to the following people for their interested advice and assistance: To the Trustees, particularly to the McLean Committee; to Mr. George Weld; to each and every Employee of the Hospital. To the Commissioner of Mental Health, Dr. Jack R. Ewalt, and the members of the central office; to Dr. William A. Hunter of the Department. To the Commissioner of Health, Dr. Samuel B. Kirkwood, and Mr. Clarence I. Sterling. To the Chief of the Belmont Police Department, Mr. William Heyd, and the

members of his Department; to the Chief of the Belmont Fire Department, Mr. Edward F. Crowley, and his men. To the various other officials and departments of the town who have been of help to the Hospital both in actual aid and in friendship.

Main Library
Administration Building

To the following the Hospital is grateful for the generous gifts which have permitted us to fulfill some of our many needs and dreams:

Mr. John R. Macomber
Mr. and Mrs. Harvey Hood
Mr. Rutland B. Hobart
Mr. and Mrs. Saul Kaplan
Mr. Gustav Hirsch
Miss Irene Hirsch
Mr. Howard P. Hodgman
Mr. Wilbert A. Ross
Mr. Charles DiPesa
Dr. Charles P. Sheldon
Mr. Alan Steinert
Mr. Frank Hill Smith
Mrs. Frederick H. Cone
Mrs. Harry Gulesion
Mr. Morris F. LaCroix

Respectfully submitted,

W. FRANKLIN WOOD, M.D.
Director

Flag Pole presented to McLean Hospital
by
Mr. Wilbert A. Ross

McLEAN HOSPITAL — EXPENSE AND REVENUE STATEMENT — 12 MONTHS ENDING SEPTEMBER 30, 19 54

HOSPITAL EXPENSES

SALARIES AND WAGES	1954	1953
Administration, Officers and Clerks	$73,863.52	$70,225.93
Medical Officers	88,958.87	70,206.10
Superintendent of Nurses and Assistants	93,750.30	81,828.45
Women Nurses, Ward Helpers, Beautician	249,983.41	230,371.93
Men Nurses, Attendants, Barber	147,366.59	116,349.85
Housekeeping, Maids, Porters	131,427.86	122,110.78
Diversions and Occupational Therapy	17,982.92	17,820.91
Laboratories	2,323.75	4,858.66
Kitchen and Dining Rooms	91,442.42	88,326.76
Laundry	39,191.90	36,256.14
Garage	15,517.51	16,414.75
Coffee Shoppe	7,413.89	7,009.48
Roads, Grounds and Garden	37,143.48	39,339.10
Power Plant	31,314.11	29,120.77
Maintenance of Buildings	65,453.93	58,141.86
Scientific Research Lab.	22,000.01	22,905.01
Research Funds	32,509.84	24,255.36
Pensions	24,219.84	21,147.01
Total Salaries and Wages	$1,171,864.15	$1,056,688.85

SUPPLIES		
General Administration Expenses	$25,838.33	$27,660.06
Libraries	1,869.52	1,856.50
Medical and Surgical Supplies	17,913.19	23,661.37
Nurses' Uniforms and Equipment	5,012.75	2,838.51
Kitchen and Dining Rooms	18,195.32	14,848.16
Housekeeping	24,926.46	19,921.14
Laundry	4,328.87	3,930.89
Groceries and Provisions	183,793.35	197,223.86
Garage	10,675.31	13,788.53
Coffee Shoppe	13,404.31	14,606.35
Roads, Grounds and Garden	4,233.76	2,950.33
Power Plant	116,337.06	104,833.91
Maintenance of Building	22,272.02	17,455.69
Laboratories	1,439.17	2,759.39
Diversion	4,684.40	3,510.44
Purchases for Patients	134,781.21	131,439.07
Training School	8,491.20	9,664.43
Occupational Therapy	3,896.63	3,721.56
F.I.C.A. Taxes	41,134.55	29,130.06
Mass. Hospital Service	10,627.30	7,934.90
Withholding Tax	127,501.83	118,751.32
Scientific Research Lab.	6,520.56	4,844.57
Research Funds	13,174.88	15,576.06
Harvard Retirement Plan	5,959.50	5,367.00
Total Supplies	$807,011.48	$778,274.10

HOSPITAL RECEIPTS

	1954	1953
Board of Patients	$1,360,557.42	$1,319,531.49
Contributed from Hospital Funds	(245,559.29)	(311,316.01)
Miscellaneous Cash Credits:		
Massachusetts General Hospital		
Accommodations (Employees)	58,776.35	59,203.23
Administration Expenses	14,670.41	10,129.83
Libraries		
Medical Supplies	6,122.31	7,447.86
Nurses' Uniforms and Equipment	94.25	45.99
Kitchen and Dining Rooms		
Housekeeping	116.85	
Laundry		
Groceries and Provisions	2,660.11	2,003.52
Garage	1,967.01	2,653.65
Coffee Shoppe	23,496.59	16,053.36
Roads, Grounds, and Garden		
Power Plant		
Maintenance of Buildings		
Meals (Employees)	31,584.46	32,997.12
Diversions		
Purchases, Patients'	197,114.40	207,909.88
Training School	5,061.76	3,540.09
Occupational Therapy	500.34	632.36
F.I.C.A. Taxes	20,598.45	14,689.08
Mass. Hospital Service	10,411.37	7,778.75
Withholding Tax	127,525.33	118,785.12
Harvard Retirement Plan	2,560.00	2,247.50
Scientific Research Lab.		429.53
Total Receipts	$1,863,817.41	$1,806,078.36

SUMMARY

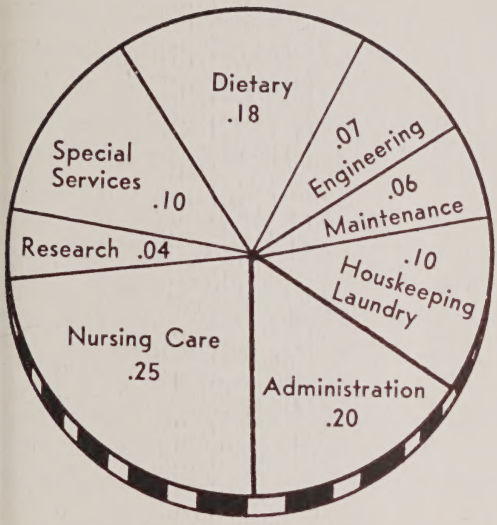
HOSPITAL EXPENSES	1954	1953
Salaries and Wages	$1,171,864.15	$1,056,688.85
Supplies	807,011.48	778,274.10
Workmans Compensation	10,396.52	
Total Expenses	$1,989,272.15	$1,834,962.95
Cash Sent Treasurer		
Capital Expenditure		
Total Disbursement	$1,989,272.15	$1,834,962.95

HOSPITAL RECEIPTS		1954	1953
Total Hospital Receipts		$1,863,817.41	$1,806,078.36
From Treasurer		125,000.00	25,000.00
Total Receipts		$1,988,817.41	$1,831,078.36
Cash on Hand:			
October 1, 1953	$2,967.24		
September 30, 1954	2,512.50	454.74	
October 1, 1952	6,851.83		3,884.59
September 30, 1953	2,967.24		
		$1,989,272.15	$1,834,962.95

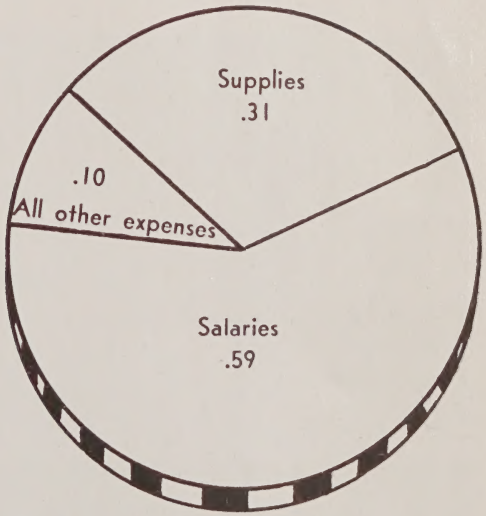
RESEARCH EXPENSE — 12 Months	1954	1953
Research Lab.	28,520.57	27,749.58
Clinical Lab.	5,260.58	8,751.70
Research Funds	45,684.72	39,822.24
	$79,465.87	76,323.52

Statistics for Fiscal Year Ending September 30, 1954

			1954	1953
Patients in Hospital First of October			211	194
Patients on visit First of October			9	22
			220	216
Patients Admitted During 12 months			250	300
Patients Discharged During 12 months			272	296
Without Psychosis	41	29		
Recovered	32	26		
Much Improved	25	32		
Improved	138	158		
Not Improved	20	33		
Deceased	16	18		
Patients in Hospital End of September			189	211
Patients on Visit End of September			9	9
			198	220
Total No. Days' Treatment			74,901	75,854
Free Patients			1,889	1,583
Patients paying less than $20. per Day			30,873	43,329
Patients paying $20. per Day or more			42,139	30,942
Average Patients per day			205	208
Free Patients			5	4
Patients paying less than $20 per Day			85	119
Patients paying $20. or more per Day			115	85
Average Rate of Board Charged Per Day			17.794	17.123
Average Cost Per Patients Per Day			19.826	17.786
Daily Cost per Capita for Provisions for all Persons Supported			1.3722	1.411



HOW THE HOSPITAL DOLLAR WAS SPENT IN 1954



Report of the Clinical Service

THE efforts of the Clinical Service of McLean Hospital have continued in a wide variety of tasks in the fields of treatment, teaching and research during 1954.

The primary work has been the care of patients, which is as difficult and complex as the nature of Mental Illness. In previous annual reports the importance of psychotherapy, individual appraisal and care of each case, physiological study and treatment, hospital atmosphere, social relationships, and nursing care have been variously described and stressed.

But this report will expound more on the development of a new social group among the patients, the Patient Activities Association, because of the importance of treatment through social milieu. This association has been functioning like a department in a hospital for most of the year, is a social group directed by the imagination and purposes of its patient members rather than a "therapeutic" club amalgamated by medical directive. It should present its own Annual Report for 1954 and point of view, and so I have below incorporated the patients own document into this clinical review. It was drawn up by

A View of the Golf Course

patients sitting in a committee of about seven, with the psychologist Mr. Daniel Rosenblatt drawing together the remarks. It is as follows:

Purpose: The Patient Activities Association of McLean Hospital was founded to "promote participation by patients in activities sponsored by themselves." It was also recognized that such an organization might result in better understanding between staff and patients.

History: The idea for such a group grew out of the very successful spontaneous productions and activities initiated by the patients in March and April 1954. A further suggestion toward the formation of such a group was offered by the example of other hospitals that have started similar projects.

The Patient Activities Association of McLean Hospital (P.A.A.) formally came into being in June, 1954. Previously a group of patients working in conjunction with Dr. Howard and one or two other staff representatives had agreed upon the body of by-laws embodied in the "Plan of Organization."

By-Laws: According to the by-laws, every patient may participate in P.A.A. The executive work of the P.A.A. is performed by the Central Council, to which patients are elected or appointed for specific terms of

A Room on Women's Belknap

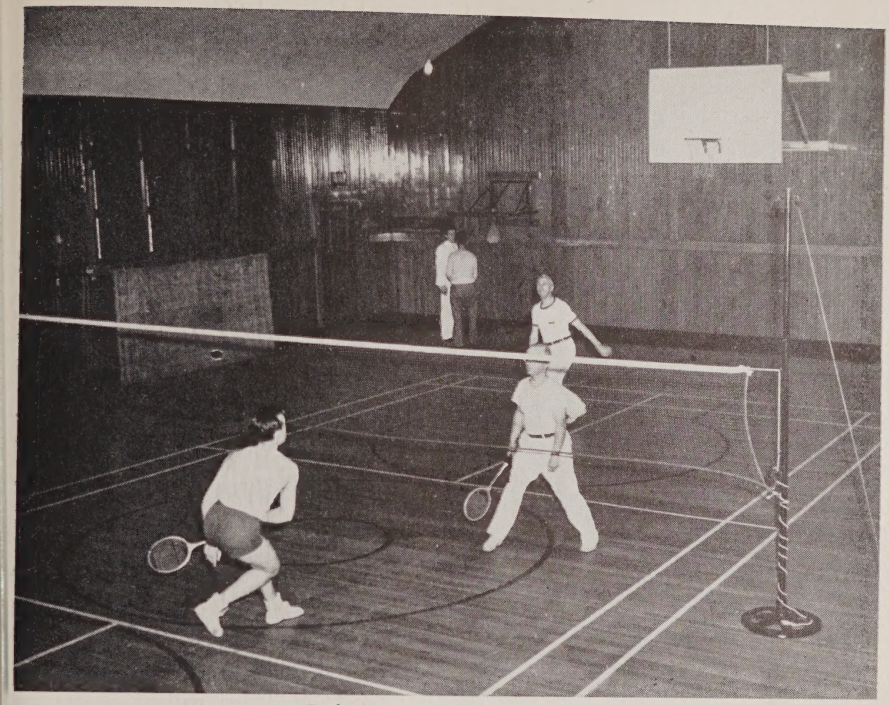
office. The Central Council is composed of two co-chairmen, secretary, treasurer, and ward representatives. At bi-weekly meetings the Central Council makes plans for the activities of the P.A.A. Through the ward representatives and general meetings the Council may poll the patients to learn of the extent of their interest in the proposed agenda of the organization or to receive additional suggestions for future activities.

Activities: During the past six months the P.A.A. has instituted the following weekly activities and services for the patients: Music Appreciation Hours, Religious Discussion Group, Sunday Vesper Services, Concert Hours, Bridge Club, Bi-weekly Central Council Meetings, Publication of P.A.A. Bulletin, Maintenance of P.A.A. Bulletin Board in Coffee Shop, Sketch Class of W.O.T. In addition it has sponsored trips to the following points of interest: Science Museum, Gardner Art Museum, Saugus Ironworks, DeCordova Museum, Waltham Field Station. During January trips were planned to attend a special exhibit of Graeco-Roman Art at the Fogg Museum, the Glass Flowers at the Peabody Museum, and the Annual Dog Show. The P.A.A. has also organized the following special events at the hospital: Barbecue, Field Day, Country Fair, Treasure Hunt, Costume Review, Halloween Party. The P.A.A. is making plans to sponsor a piano recital, a magic show and a St. Valentine's Dance in the early part of 1955. At times the P.A.A. has also promoted the following activities: Singing Group, Baseball Games, Play Reading Group, Fine Arts Group, Colored Slides of Europe and the American West, Slides of the Local Flora and Landscapes were also shown. The Central Council has also undertaken to equip and furnish a Recreation Room for the special use of the P.A.A. in space provided by the hospital. It has also been concerned about securing an adequate income for expenses entailed in sponsoring activities. A plan for small voluntary contributions by the patients is currently in the process of being completed.

Response to P.A.A.: The P.A.A. has received the cooperation and endorsement of the staff as well as the enthusiastic support of the patients. A survey of the attitudes of the patients toward the P.A.A. reveals the following major points of view:

Functions of P.A.A.—Performs for the Patients: Recreational and Cultural—provides suitable outlets for the recreational and cultural interests of the patients (sponsors trips to the points of interest, plans dances, organizes religious acivities.)

Hospital Atmosphere: Helps create an atmosphere within the hospital that more closely approximates that of the normal world (sponsors bridge clubs, bowling tournaments, music appreciation hours, handles organizational finances, etc.)



Badminton, Men's Gymnasium

Women's Occupational Therapy Building

Patient Forum: Presents the patients with a forum from which they can express their attitudes and opinions about their daily experiences and make future plans. Comments of patients about various SATISFACTIONS derived from participation in P.A.A. Activities.

Social: "I like working in a group for the benefit of everybody"; "It's a chance to get to meet new people"; "I get to know the rest of the patients at the hospital"; "It's good practice to say what you want to in a group without being afraid"; "I can speak right up and know that what I say will be listened to."

Artistic and Executive: "In the P.A.A. we have a chance to decide what we want to do"; "It gives us more responsibility for how we spend our time"; "If someone is interested in a bridge club or a singing group he can try to find others and organize a club."

Benefits within the Setting of Hospital Life: "It gives me a chance to visit with people from other parts of the hospital"; "Learn about the hospital set-up and how it runs."

Activities: "I like dances best of all. I hope we have more of them." "I thought the trips to the Glass Flowers was just wonderful." "The Country Fair was lots of fun."

Presonal Satisfactions Derived from Acting as Ward Representatives: "I can do something for the other patients who are not as well at the moment." "It makes me fell important to carry news back to the ward and get their opinions on it."

Summary of Benefits: Offers the patient a chance to participate in a richer, fuller, group life with increased opportunity for meaningful social, cultural and recreational experiences.

I would like to make some general commentary as to the mental health significance of the Association. The meetings are conducted in a parliamentary way and seem like ordinary business meetings of your own local society. Many special demands or attitudes of individually ill patients are as skillfully dealt with by the patients as would be the prejudices of your neighbors at your local society. The P.A.A. has been especially considerate of the rights and feelings of individuals. And the general activities have been taken up with a spirit of fun and work not previously remembered here.

If such an organization had been directed from above, it would, like a collectivized farm, have been short of produce. However, it does have a strong relationship to the hospital, drawing from our coopera-

tion and approval; gets strength from its cultural and social interests, its unstated altruism; and relies on individual initiative expended cooperatively.

The Association has proved that a patient group can be trusted to follow useful and interesting ideals and standards; to act productively and responsibly; to have executive talent; to handle property, money and decisions; to communicate with other departments; to accept encouragement, suggestions, or authority; to handle its own internal social problems; to add more interest, spontaneity and gaiety to occasions; to suffer the tensions and routinized aspects of organizational work; to provide a scene where the life and feelings of the individually ill persons are meaningfully accepted and expressed; and to provide a social complement to individual physical, nursing, and psychotherapies. This is in contrast to concepts of therapy that speak of the patient as the recipient of the care—of the shocks, the interpretations, the nursing, the push, the support,—and it emphasizes (as the others should do) that much health is released from the individual.

This year brought to psychiatry advances in the use of drug therapy, especially the use of Chlorpromazine and Serpasil. They seem extremely

A Section of the Green Houses

The Reception Hall, Appleton House

useful. Our experience with Chlorpromazine was reviewed by Dr. Willis H. Bower of this staff in an article in the New England Journal of Medicine, indicating that it is especially useful in cases with increased psychomotor activity. The use of progesterone with electric shock, as suggested by Dr. Altschule, has also brought very striking results in post partum cases, and these are in process of review by Dr. Bower.

A report on the work and publications of Dr. Mark Altschule, Director of Internal Medicine and Research in Clinical Physiology, is given by him on other pages, and the advance of knowledge in physiological aspects of mental disease is promising and vital.

The work of Biochemical Laboratory under the Director of Scientific Research, Dr. Jordi Folch-Pi, has continued to be productive and of very basic scientific importance. His report is given separately.

The admissions were 255, discharges 267, a definite drop over recent years. The patients in the house averaged 205. Some people have felt that private hospital care is not as vital as it once was considering the improved care in State Hospitals, establishment of departments in General Hospitals and competent psychiatrists in the community. But

it does not appear to us that even private care can begin to satisfy the many needs of patients. Another factor which reduces hospital population is the decreased length of stay in the hospital due to the relief obtained from physiological and pharmacological treatments.

Psychotherapeutic interview hours by the staff ran about 150 hours per week, not including time spent on rounds, in teaching consultations, on administrative "practical" problems, or with relatives. Electric shock was given to 73 patients and ambulatory insulin to 44. There were 10 major and 9 minor operations. There were 790 x-rays taken on employees and 760 on patients. In the Medical Consultations Clinic there were 4,242 consultations, mostly by Dr. Virginia Calkins. There were 19,807 prescriptions dispensed from the pharmacy. Medical Consulations on patients were given by Dr. Mark Altschule, and Dr. Gordon Winchell has worked hard also in this area. It seems best for adequate patient care to have well trained medical advice where there are causes and complications of physical disease.

The 17 deaths were due to cardiac and vascular disease or cancer except for one which was due to peritonitis and one accidental fall.

The aged, who are about half the population, were meticulously cared for, with gentle handling, cheerful routine, good medical care, low accident rate, and with satisfied relatives.

The diagnoses of discharged patients were: Psychoneurotic 56; Manic Depressive Reaction 41; Schizo-Reactive 62; Alcoholism or Drug Addiction 39; Chronic Brain Syndrome with Cerebral Arteriosclerosis or Senile Brain Disease 17; Involutional Psychotic Reaction 12; Paranoid Condition 1; Personality Disorders 7; Adjustment Reaction of Adolescence 7; Psychotic Depressive Reaction 4; Acute Brain Syndromes 8; Chronic Brain Syndromes 13; and Mental Deficiency 1.

Psychiatric teaching functions have continued in similar form to that described in previous reports. Therapeutic and administrative issues are brought up in great detail in daily reviews by the entire staff (two hour conference daily) so that each shares the experiences of others, and the younger physicians have broadening and guiding contact. The Harvard Medical Students attend most of the clinical conferences as well as having clinical talks of their own.

The nursing service continues to be from points of view the backbone of patient care, and we are greatly indebted to the many skillful graduates and undergraduates, and the attendants. A close liaison has always existed between the medical staff and the nurses on problems of care, and there is much consultation back and forth.

The writer wishes to express his appreciation to the Trustees and especially the McLean Hospital Committee for the privilege of serving as Acting Chief of Service.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Chief of Service, Acting

Report of the Director of Internal Medicine and of Research in Clinical Physiology

THE increasing age of patients admitted to the Hospital, of those who have been here for some time, and of the employees steadily increases the importance of internal medicine (and surgery) in the functioning of the hospital. Dr. Virginia Calkins continues to handle the physical and some other problems of employees in the Employees' Clinic in a most satisfactory manner. The work of Dr. Gordon Winchell on the physical ailments of the patients has been excellent and has greatly strengthened that branch of the Hospital's activities. Despite the use of medical consultants, I feel that the primary responsibility for the medical care of patients belongs to the psychiatrists.

The research carried on in the Laboratory of Clinical Physiology in the past year falls into two divisions. The first comprises the continuing study of the biochemistry of schizophrenic, manic-depressive, and involutional psychoses. Earlier work showed that disturbances in salt metabolism, in copper metabolism, in fat metabolism and in adrenocortical function occur in these conditions. These changes are all non-specific and resemble those found in a wide variety of bodily illnesses.

Many observers have reported the common finding of abnormal glucose tolerance curves in patients with manic-depressive, involutional, and schizophrenic psychoses. A study of the nature and significance of this change, as revealed by extensive studies of intermediary carbohydrate metabolism, has been in progress at the McLean Hospital. The disturbances found in carbohydrate metabolism fall into three categories: 1. abnormal utilization of carbohydrate; 2. abnormal release of carbohydrate from tissue stores; 3. insulin resistance.

The Otto Folin Room, Chemistry Laboratory

Abnormal utilization of carbohydrate has been demonstrated in all patients studied after the ingestion of 100 Gm. of glucose. The glucose tolerance curve itself is abnormal in only about two-thirds of the patients, usually being normal in those who have been ill for some years; i.e., 5 or 10. However, study of the breakdown products of glucose in the blood reveals additional abnormalities. Although the accumulation of pyruvic acid in the blood is not strikingly abnormal, about four-fifths of the patients show excessive rises in blood lactic acid after the ingestion of the glucose. Fragmentary studies have also revealed an abnormal rise in blood lactic acid after exercise. The next stages in the degradation of carbohydrate in the body involve citric acid and alpha-keto-glutaric acids; these accumulate abnormally in all patients.

These biochemical abnormalities are not specific for psychoses; we have found identical, but less marked changes, in all of 6 patients with multiple sclerosis. Other authors have described the same changes in epileptic children. We did not find them in a disease of the cord, progressive muscular atrophy. It is evident that this biochemical change occurs with disease of the brain, a finding that indicates that schizophrenia and manic-depressive psychosis are diseases of the brain and

not merely states of mind. The pattern of this biochemical change is consistent with the effects of a block in the Krebs cycle, but of course final characterization of the disturbance must await additional study.

Further analysis of the data showed that patients with psychoses of recent onset were more likely to have disturbances in the lactate metabolism, whereas those with chronic psychoses were more likely to have the disturbance of the Krebs cycle. The chronic pattern could be changed to the acute by giving ACTH or hydrocortisone.

The abnormality in release of carbohydrate from tissue stores reveals itself in several ways. Giving phlorhizin stimulates release of glycogen from liver and muscle in response to the large loss of glucose in the urine. When this is done in normal subjects, release of glucose into the circulation keeps pace with losses through the kidney, and the blood sugar level remains constant. In psychoses, however, mobilization from the tissues is slow; and the same loss through the kidneys results in a temporary fall in blood sugar, lasting for a few hours. Mobilization of glucose from tissue stores involves two main processes: 1. rapid breakdown of hepatic glycogen and 2. slower breakdown of muscle glycogen. These phenomena can be studied by giving epinephrine in a fixed body-weight dose. The breakdown of hepatic glycogen, as shown by the rapid rise in blood sugar that occurs, is normal or even excessive in cases of schizophrenic and manic-depressive psychoses. The breakdown of muscle glycogen causes a rise in blood lactic and pyruvic acids. This reaction is markedly depressed in the cases of psychoses under consideration here; the rise in blood lactic and pyruvic acids after injection of epinephrine are small or absent in most but not all cases. This biochemical abnormality also is not specific for psychosis; it occurs in a wide variety of bodily illnesses.

The third type of disturbance in carbohydrate metabolism is insulin resistance, found in about half the psychotic patients. This, too, is not specific and is found in infectious diseases, after vascular accidents (cerebral or myocardial), and in Cushing's syndrome.

The pattern of change in blood chemistry after ingestion of glucose is different from that in diabetes; lack of insulin is therefore not a primary factor in the psychoses. The absence of any great rise in blood pyruvic acid level after ingestion of carbohydrate rules out thiamin deficiency.

It is clear that patients with schizophrenic and manic-depressive psychoses show changes in carbohydrate metabolism commonly found in sick people, particularly those with diseases of the brain. This evidence, together with that on salt, copper and fat metabolism, and on adreno-

The Employees' Clinic

cortical function indicates that the psychoses are diseases and not merely states of mind, and that a purely psychodynamic approach to etiology and therapy is not valid.

The second main division of the research in this department consists in further attempts to isolate the active principle of the pineal gland.

Dr. Dorothy H. Henneman and Mrs. Rose-Marie Goncz withdrew from the Department, the former to work in Dr. Henry Beecher's Department, and the latter to concentrate her attention on her domestic responsibilities. The technical work is now handled most satisfactorily by Miss Phyllis Davis and Mr. Louis Mastrangelo.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.

McLean Hospital

Waverley, Massachusetts

PUBLICATIONS FOR THE YEAR 1954

Dorothy H. Henneman, M.D.
Mark D. Altschule, M.D.
Rose Marie Goncz
Leo Alexander, M.D.
Boston

*Carbohydrate Metabolism in Brain Disease
I. Glucose Metabolism in Multiple Sclerosis

Reprinted from the A. M. A. Archives of Neurology and Psychiatry.
Vol. 72, pp. 688-695
December 1954
Copyright 1954, by American Medical Association

Dorothy H. Henneman, M.D.
Boston
Mark D. Altschule, M.D.
Rose Marie Goncz
Waverley

*Carbohydrate Metabolism in Brain Disease
II. Glucose Metabolism in Schizophrenic, Manic-Depressive, and Involutional Psychoses

Reprinted from the A. M. A. Archives of Internal Medicine.
Vol. 94, pp. 402-416
September 1954
Copyright 1954, by American Medical Association

Dorothy H. Henneman, M.D.
Mark D. Altschule, M.D.
Rose Marie Goncz
Boston

*Carbohydrate Metabolism in Brain Disease
III. Fructose Metabolism in Schizophrenic, Manic-Depressive, and Involutional Psychoses

Reprinted from the A. M. A. Archives of Neurology and Psychiatry
Vol. 72, pp. 696-704
December 1954
Copyright 1954, by American Medical Association

Julian I. Kitay
Mark D. Altschule, M.D.

*Effects of Pineal Extract Administrations on Ovary Weight in Rats

Reprinted from *Endocrinology*
Vol. 55, No. 6, pp. 782-784
December 1954

Julian I. Kitay

*Effects of Pinealectomy on Ovary Weight in Immature Rats

Reprinted from *Endocrinology*
Vol. 54, No. 1, pp. 114-116
January 1954

Mark D. Altschule, M.D.
Elaine P. Siegel
Rose Marie Goncz
John P. Murnane, M.D.
Boston

*Effect of Pineal Extracts on Blood Glutathione Level in Psychotic Patients

Reprinted from the A. M. A. Archives of Neurology and Psychiatry.
Vol. 71. pp. 615-618
May 1954
Copyright 1954, by American Medical Association

Julian I. Kitay, A.B.

*Pineal Lesions and Precocious Puberty: A Review

Reprinted from The Journal of Clinical Endocrinology and Metabolism
Vol. XIV, No. 6, pp. 622-625
June 1954

Mark D. Altschule, M.D.
Waverley and Boston

*Physiologic Psychology of Neurosis

Reprinted from the New England Journal of Medicine
251: 476-483
September 1954
Copyright 1954, by the Massachusetts Medical Society

M. D. Altschule, M.D.
Boston

*Significance of the Abnormal Carbohydrate Metabolism in Schizophrenic and Manic-Depressive Psychoses

Reprinted from the Wisconsin Medical Journal
May 1954
Copyright 1954, by State Medical Society of Wisconsin

Willis H. Bower, M.D.
Waverley

*Chlorpromazine in Psychiatric Illness

Reprinted from the New England Journal of Medicine
251: 689-692
October 1954
Copyright 1954, by the Massachusetts Medical Society

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*Available for Distribution

Jordi Folch, M.D.
Marjorie B. Lees, PH.D.
Gerald H. Sloane-Stanley, PH.D.

A Simple Method for Preparation of Total Pure Extracts from Brain

Federation Proceed
13, 209, 1954

Huntington Porter, M.D.
Jordi Folch, M.D.

Fractionation of Brain Copper Proteins

Federation Proceed
13, 275
1954

Helen H. Hess, M.D.
Alfred Pope, M.D.

Quantitative Distribution of Cytochrome Oxidase and Adenosinetriphosphatase in Cytoarchitectonic Layers of Rat Cerebral Cortex

Federation Proceed
13, 228
1954

Alfred Pope, M.D.
Helen H. Hess, M.D.

Quantitative Distribution of Dipeptidase and Cytochrome Oxidase in Cytoarchitectonic Layers of Human Cerebral Cortex

Federation Proceed
13, 275
1954

Byron H. Waksman, M.D.
Huntington Porter, M.D.
Marjorie B. Lees, PH.D.
Raymond D. Adams, M.D.
Jordi Folch, M.D.

A Study of the Chemical Nature of Components of Bovine White Matter Effective in Producing Allergic Encephalomyelitis in Rabbits

Journal of Experimental Medicine
100, 451
1954

Report of the Director of Scientific Research

DURING 1954 J. N. Allen, M.D., has joined the staff on a U.S. Public Health Service Post-doctorate Fellowship; also F. N. LeBaron, Ph.D. has returned to the laboratory after one year's leave of absence. With these changes the staff consists at the present time of six M.D.'s, three Ph.D.'s, five laboratory technicians, and one laboratory assistant.

During the year financial assistance has been received in the form of grants-in-aid and/or fellowships from the American Cancer Society and the U.S. Public Health Service. The total received exclusive fellowships has amounted to $51,927.60. This figure compares with the sum of $47,321.28 received in 1953. In summary the support has been essentially at the same level as last year.

The research work carried out during the year was reviewed by the Advisory Committee on January 21, 1955. As described at the time the following progress has been made:

Biochemical Studies

The work carried out has been the continuation and expansion of earlier studies. It has dealt specifically with the chemistry and biological properties of strandin; with the isolation of proteins and lipoproteins in general, and of copper proteins in particular; with phosphatidopeptides; with different problems of lipide chemistry such as the development of satisfactory methods of extraction and fractionation, the chemistry of sulfatides and the interrelation of lipides and electrolytes; and finally with proteolipides and the germane question of the identification of the causative agent(s) of experimental allergic encephalomyelitis.

In the case of *strandin,* it has been found that the constituent chromogenic group exhibits a reducing group, presumably an aldehyde or a ketone; that the chromogenic group is linked to the rest of the strandin molecule through this reducing group, probably by a glycosidic linkage; and that besides the already recognized five different constituent radicals, strandin contains another constituent. These and other observations had led to a revaluation of our overall ideas about the structure of strandin. Finally it has been found that strandin is a powerful inhibitor of the hemoagglutination reaction af viruses.

The study of *proteins* and *lipoproteins* had been hindered in the past by the fact that homogenates of brain tissue with most aqueous buffers resulted in the formation of emulsions that could not be resolved by

filtration or centrifugation. During the year it has been found that such emulsions can be separated at high centrifugal forces. The removal of this purely technical difficulty has permitted the initiation of the systematic development of satisfactory methods of extraction and fractionation of brain proteins.

The continued study of the state of copper in brain tissue has resulted in finding conditions for the reproducible preparation of a brain copper fraction containing 0.14% Cu. By comparison, two animal copper proteins of known purity contain about 0.3% Cu. Some preliminary attempts to fractionate this preparation by paper electrophoresis (carried out in collaboration with Dr. D. M. Surgenor of Harvard Medical School) have resulted in the separation from it of three different fractions, only one of which contains copper.

The study of phosphatido-peptides, which had been interrupted during the absence abroad of Dr. F. N. LeBaron, has been resumed. An interesting finding has been that, as a by product of the preparation of phosphatido-peptides, a protein fraction is obtained which contains 0.16% Cu.

The study of brain lipides has resulted in completing the development of a greatly simplified method of extraction of total pure lipides from brain and from other tissues. Different possibilities have been explored as to the application of partition methods to the isolation of different lipides. A system of "linked partitions" has been found for the almost quantitative isolation of sulfatides, and also another system which holds promise for the satisfactory application of counter-current distribution to all brain lipides.

The study of the relationship of brain lipides with Na, K, Ca and Mg is a new line of work which has required the setting up of flame photometry for the estimation of cations. It has been found that lipides combine with all four cations with different degrees of affinity, their affinity being strongest for Ca, followed in order of decreasing affinity by Mg, K and Na. Mg, K and Na can displace each other from combination with lipides, and all three are displaced by Ca. Whether or not Ca can be displaced by the other cations has not yet been established.

A great deal of work has been carried out on the closely relation problems of the chemistry of proteolipides and the identification of the causative agent of experimental allergic encephalomyelitis, a joint project of the laboratory and the Department of Neurology of the Massachusetts General Hospital. Satisfactory progress has been made but the work is in such a state of flux that a detailed discussion of the results obtained would be confusing at the present time.

Neuropathological Studies

Quantitative histochemical investigations upon the nervous system have continued under the direction of Dr. Pope. During 1954 these included further studies upon the enzymatic architecture of the cerebral cortex and the initiation of studies upon the comparative enzymology of human brain tumors.

Pursuant to both projects certain new ultra micro-analytic methods for enzyme assay are being developed, and the enzymes in question studied with respect to their kinetic behaviour and factors that affect their rates of activity. In particular, detailed study is being made of the influence of the ionic environment upon adenosinetriphosphatase activity in brain.

Additional experiments upon the quantitative architectonic distribution of ATPase activity in rat somatosensory iscortex have confirmed preliminary results showing that when activated by Ca^{++} ions, the intracortical distribution of ATPase is similar to that found for acetylcholinesterase suggesting its localization in the neuropil, whereas activation by Mg^{++} ions increases the observed activity many fold and produces an intracortical gradient of activity similar to that of cytochrome oxidase and consistent, therefore, with localization in the cytoplasmic particles of the neurones and their dendrites. These and other observations support the probable dual nature of ATPase activity and its role in brain.

Studies have continued upon the activities and intracortical distributions of enzymes in biopsy specimens of human cortex excised during frontal lobotomy. Results of experiments revealing the architectonic patterns of dipeptidase and the ATPases have been in accord with previous observations and indicate that proteolytic activity is associated with the cell bodies of both neurones and nuroglia and that the ATPases of human cortex have properties similar to those of their counterparts in rat brain. As in the past, the studies upon human cortex are accompanied by examinations of chromatic and metallic neurohistological preparations some of which show minor, but probably not significant, pathological changes. A series of experiments is also in progress upon acetylcholinesterase and dipeptidase distributions in autopsy specimens of cortex from patients with hepatic encephalopathy.

During 1954 studies have been undertaken upon the quantitative enzymatic histochemistry of human brain tumors, especially those of the glioma group. Microchemical determination of enzymes involved in biological oxidations (cytochrome C and cytochrome oxidase) and intracellular proteolytic activity (alanylglycine dipeptidase and dehydropeptidase I) are currently being carried out in microtome prepared

Constant Temperature Room for Specialized Instruments, Laboratory of Scientific Research

samples of such lesions. This permits histological study and differential cell counts in alternate samples so that accurate neuropathological control of the biochemical findings is possible. Preliminary results suggest that cytochrome oxidase activity is very much lower in both gliomas and meningiomas than in normal human cortical grey matter, and that this is especially so in the case of astrocytomas. Dipeptidase activity, on the other hand, seems to be of the same order of magnitude in gliomas as in cortical grey and subcortical white matter except that it is low in areas of tumor necrosis. It is hoped that these studies will not only furnish information relevant to the comparative biochemistry of brain tumors but also significant with respect to the enzymatic and metabolic properties of normal neuroglia.

February 21, 1955

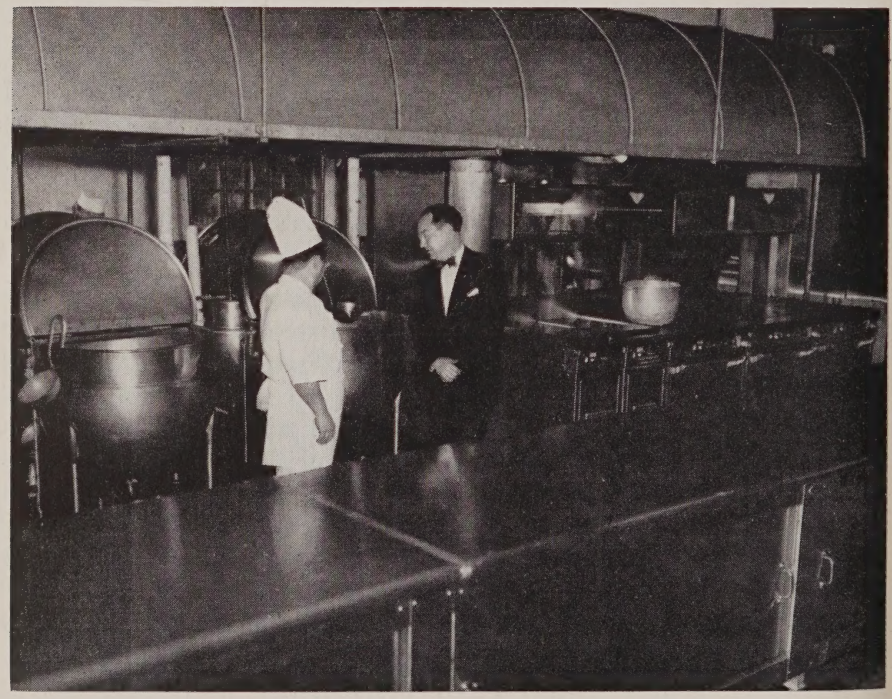
Respectively submitted,

J. FOLCH-PI, M.D.,
Director of Scientific Research

Report of the Purchasing & Steward's Department

NO changes of any great significance occurred in this department in 1954. While engaged in the occupation of serving satisfying meals three times a day throughout the year, the Stewards Department also catered to the several banquets, buffets, dances, and picnics that are a regular part of the hospital schedule.

Two years ago a program was put into effect to replace obsolete and inefficient food service equipment in the many serving kitchens throughout the hospital. 1954 saw this program brought to completion with the installation of all new refrigeration, dishwashing and food warming equipment on Wyman, Proctor II, Bowditch, and part of East House I.



The Main Kitchen

Sixteen composition tile floors were installed over old worn wood floors in the patients' rooms, corridors, and food serving rooms.

Two loyal employees in the Stewards Department retired in 1954. Alonzo Lawson, Storekeeper, worked at McLean for 27 years. George

Henderson, Manager of the Coffee Shop, came to McLean in 1948. We were very fortunate in getting replacements for Mr. Lawson and Mr. Henderson. Frank Kulka as Storekeeper has done an excellent job in handling and accounting for the stores, and John Haverty, formerly with the Maintenance Department, has very capably managed the Coffee Shop.

The Diet Kitchen

A rumpus room was made in the basement of the Women Nurses' Home. A seldom-used trunk room was converted into a place where student nurses could gather during their off hours. This was a cooperative project where the cost of material and labor was shared by the Nurses' Fund and McLean Hospital.

Automatic oil burners to replace coal burning equipment were installed at South Cottage, Hope Cottage, West Cottage, and a new oil burning hot water heater was installed at Upham House.

It will take the grounds crew well over a year to clean out the many damaged and fallen trees on the hospital grounds as a result of the two hurricanes last fall. Considerable damage was done to the roofs of most buildings.

The Maintenance Department completely re-surfaced the roof of the Administration Building and the flat roof of the Service Building prior to the hurricanes.

A general conference room was made available on Mens' Belknap I. This was completely painted and furnished and serves both the Administrative and Nursing Department Heads.

The Laundry continued to function smoothly under the capable direction of Mr. Edward Bourget. New personnel procedures introduced by Mr. Bourget has resulted in the lowest employee turnover in many years.

I also wish to express my sincere satisfaction in the return to McLean of our former dietitian, Paulene (Olsen) Walker. Her training and experience combined with her fine cooperative spirit is a big asset in keeping our food service on a high plane.

ALEXANDER ARMOUR
Steward and Purchasing Agent

Administration Building

Report of Personnel Department

THIS year has been interesting in many ways, primarily because of the improved employment situation. Our figures show a higher number of applicants than in any years since the Personnel Office opened eleven years ago. Of these, approximately one-third were hired, including part-time and temporary employ. An analysis of sources of new employees shows that more than one half of those hired were either rehired or were referred to us by our own employees. This has been gratifying, especially as past experience shows that these two sources provide the most stable group of employees. Analysis of reasons for terminations is difficult as the true reason is not always uncovered. We are clear, however, that 40% of permanent full-time employees separated left because they were for one reason or another not capable of good job performance.

We have tried throughout the year to make replacements which will raise the level of performance. Insistence on pre-employment physical examinations and more careful selection on the basis of past work references have helped to give us a more capable and flexible work force.

New activities have helped to make this a busy and interesting year. An intensive Blue-Cross Blue-Shield drive this fall succeeded in procuring membership for our group in $12 per day Blue-Cross plan and in Plan B Blue-Shield. A system of key control has been set up in our office, whereby we distribute ward keys to new employees and deliver termination checks on the return of the keys. Representation on the Safety Committee and on the newly organized and expanding Department Head Meetings has brought us in close contact with operating procedures and problems, and also has brought us to a keener realization of the need for sound personnel policies and energetic performance of our duties.

In November fifty-six service pins were awarded. These included one five-star award to Rodney Chisholm and three four-star pins for fifty and forty years of service respectively. The dinner for recipients and their husbands or wives was a memorable occasion. The year ended with two Christmas parties for the McLean family. Excellent committee organization made these not only the largest parties we have held, (215 at the children's party and 300 at the adult's) but also the most enjoyable.

Respectfully submitted,

ALISON J. COOLIDGE

Reports of the School of Nursing and Nursing Service

CENSUS, December 31, 1954

	Women	Men	Total
Graduate Nurses:			
Full-time	59	19	78
Part-time	35	7	42
Total	94	26	120
School of Nursing:			
Accepted Students	13	19	32
Preclinical Students	10	21	31
Affiliating Students	34	0	34
Total	57	40	97
Total Graduates and Students	151	66	217
Students on Affiliation:			
Massachusetts General Hospital	6	19	25
Children's Medical Center	7	0	7
Boston Lying-in Hospital	0	0	0
Total	13	19	32
Students Affiliating from Other Schools:			
Massachusetts General Hospital	21	0	21
Children's Medical Center	10	0	10
Mount Auburn Hospital	3	0	3
Radcliffe College Program	0	0	0
Simmons College School of Nursing	6	0	6
Total	40	0	40
During 1954:			
Graduated	4	3	7
Preclinical Students Admitted	10	22	32
Preclinical Students Dropped or Resigned	0	1	1
Accepted Students Dropped or Resigned	2	2	4
Students from Affiliating Schools who have completed course:			
Massachusetts General Hospital	103	0	103
Children's Medical Center	41	0	41
Mount Auburn Hospital	11	0	11
Radcliffe College Program	3	0	3
Simmons College School of Nursing	15	0	15
Graduates	6	0	6
Total	179	0	179
Student-Veterans Enrolled:			
Public Law 346	0	5	5
Public Law 550	0	20	20

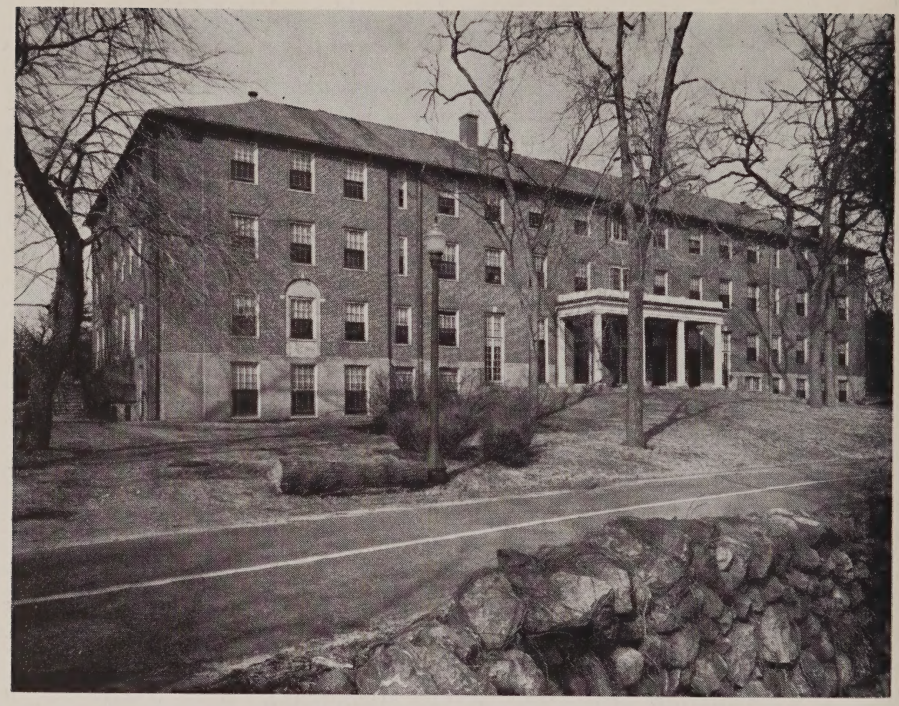
The Nursing Department

THE primary function of the Nursing Department is nursing service, which includes the direct nursing care of patients and those activities which are associated with this care and are rendered by nursing service personnel. It is hoped that the recording of direct and indirect measures used in this hospital by the Nursing Service in 1954 will signify a progressive approach toward better care of patients.

Probably the greatest progress made in nursing service during the past year has been the change in organization and administration which has effected the supervisory service given to those nurses and attendants who have direct care of patients. Upon considerable thought and evaluation it was felt that the lowest ebb of true supervision occurred during the 2:30 to 11:00 P.M. period in the hospital. Until 1954 this hospital, though on a forty-hour week, has not had so-called Evening Supervisors (2:30 to 11:00 P.M.) definitely appointed as such. The 7:00 to 11:00 P.M. period was covered in various ways by the night supervisory group, and the 2:30 to 7:00 P.M. period was covered by the day supervisory group. This meant that too many individuals were involved, resulting in inadequate methods of communication and supervision and did not become a continuous satisfactory service to patients. Thus a plan was made to procure two Evening Supervisors, one for the Men's and one for the Women's Service, whose definite responsibilities were outlined for that particular period. By September 1954, we had procured one qualified person to begin on that date and one to begin the first of 1955. Already a correlation of nursing service is carried from day to evening to night and a return to the twenty-four hour cycle in relation to direct supervision of those nurses and attendants who care for patients. Close professional contact from supervisors to doctors have also been very satisfying. Further results will only be known after a longer period of trial. Studies concerning organization and administration of nursing service will definitely be continued in 1955.

The organizational structure of the entire nursing service has been such that recommendations toward better nursing care have been realized and put into effect. There have been daily conferences between doctors and supervisors, and weekly conferences between chiefs of services and department directors, including the nursing service. There have been bi-monthly meetings of the Administrative Nursing Service, and the weekly meeting of the head nurses' conferences have been profitable.

The benefit evolved from the establishment by the hospital of a large conference room for nurses and other hospital groups has been much



The Higginson House

appreciated by the recipients. The nurses and other personnel have purchased equipment so that coffee is now served at weekly and bi-weekly meetings. The initiating stimulus for such a room was a recommendation from the head nurse group who have been working diligently to better qualify themselves and other personnel to carry out both nursing service and nursing educational responsibilities for the better nursing care of patients.

In terms of quantity to carry on nursing care, the full-time staff nurse group has decreased from 40 to 31, and the part-time group has increased from 36 to 41. During the year, 63 staff nurses were employed and 20 resigned, a turnover of 31%. In terms of stability of service, preparation and experience, the head nurse group, as in 1953, has had the greatest turnover although the length of service has been longer.

Careful selection of nurse personnel has been stressed in relation to registration, education and experience. Those whose background indicated a lack of preparation were given an opportunity to take courses given to affiliate students in psychiatry and psychiatric nursing, along with rotation of services. New members appointed in administrative and supervisory positions have been recorded in the School of Nursing

Men Nurses' Dormitory

Report. The full-time attendant group has remained the same, 71, and the part-time group has decreased from 43 to 40. The fifteen-hour orientation program for all new attendants was continued and this program was completed twice. A certificate card, in recognition of this program, was developed and issuance was extended to 48 attendants who had previously completed the program. This recognition, with appropriate signatures, was received with great satisfaction to the individual recipients. The purchase of "Handbook for Psychiatric Aides", Section I and II, for each ward has helped head nurses in their teaching of attendants.

The staff education program has been extended not only to graduate nurses but to attendants and others vitally concerned wih patient care. Weekly meetings with the Assistant Director of the School of Nursing have developed discussions centered around nurse-patient relationship and nursing problems in relation to other personnel. Three films involving psychiatric implications were also viewed and discussed. A talk given by Dr. Howard, explaining the functions and purposes of the Patient Activities Group, and a trip to the Boston Psychopathic Hospital for the purpose of seeing Psychodrama, was much appreciated.

Special arrangements have been made for the nursing staff members and attendants, who work either full-time or part-time, to continue their education at nearby colleges. Twenty-six nurses and 34 attendants have realized this opportunity.

The Committee on Records has continued to review all records. Revisions have been made and approved on: 1) Insulin Treatment Chart; 2) Medicine Cards and introduction of new Medicine Card Count Sheet; 3) Weight Chart; 4) Summary Sheet for Insulin and Electric Shock Therapies; 5) Introduction of new Weekly Time Sheets for nursing service personnel.

The Committee on Nursing Practice have presented the following procedures which have been approved: 1) Administration of Medicines; 2) Post-Mortem Care; 3) Taking Temperatures, Pulse, Respiration; 4) Transfer of Patient; 5) Admission of Patient.

The study of the sub-committee on standardization of nursing procedures and nursing service called "Method Analysis No. 1", was completed. A compilation summary of the committee's findings and Faculty Organization approval was published via mimeograph and circulated to

A Section of the Living Room
Higginson House

all head nurses and doctors. All recommendations were approved (in principle) by the Administration. Concerning such recommendations, the following changes have been effected or are in progress: 1) A new procedure for Administration of Medicines has been formulated and issued to all wards incorporating many of the Committee stimulated changes. 2) All needles for parenteral use are now autoclaved. 3) A new precedent for "sharps", including definition of same as well as separate locked facilities for such objects, has been established. 4) Medicine cabinets have been moved to nurses' station area on most wards; with others, to be moved as soon as practical location is determined. 5) Wards have been, or are being equipped with separate hot plates or sterilizers for nursing care. 6) Special containers for refrigeration of drugs have been established. 7) Many other recommendations have been referred to other committees for additional study and/or execution of methods.

More than ever before, the nursing service has recognized certain responsibilities which call for close activity with other departments in the hospital and have, accordingly, been representative of nursing in various ways, as follows: 1) Helping the Medical Staff, through a special committee, to determine the needs of the hospital in relation to better care for the patient; 2) initiating a committee to formulate a messenger service from the pharmacy and certain other departments to the wards and vice versa, which plan has been put into effect; 3) helping to prepare and put into effect written Personnel Policies and Practices for combination maids on the wards, as well as housekeepers in the two Nurses' Homes; 4) helping to evaluate safety measures through the Hospital Safety Committee; 5) supplying a file containing Personnel Policies and Practices for all individuals in nursing service and nursing education which is available to both nursing and medical administration for reference; 6) supplying a file containing Personnel Policies and Practices for individuals in other departments so that the nursing and medical administrations may better understand their responsibilities; 7) inviting directors of other departments to discuss mutual problems.

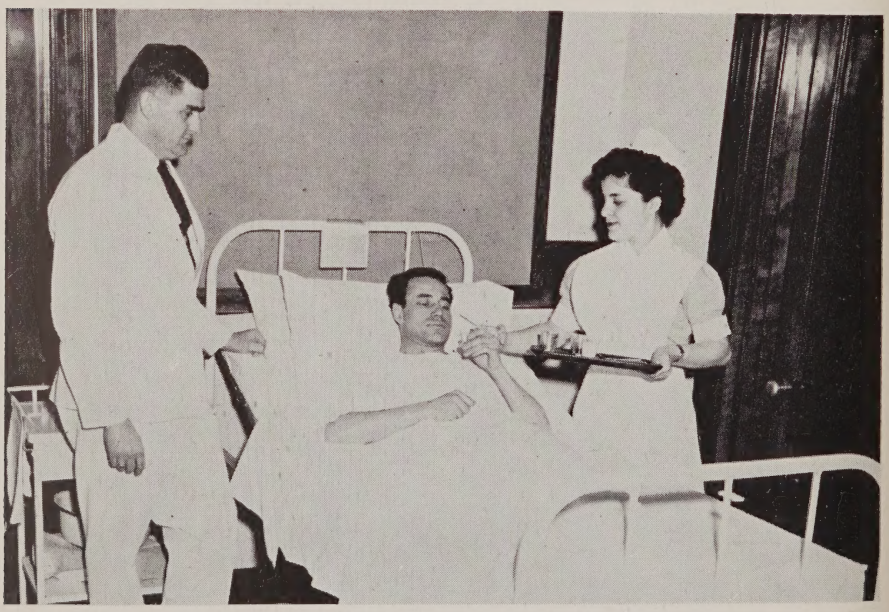
It has been indeed a pleasure to submit this part of my report. I feel more than ever that nursing service at this hospital must keep on growing as it has in this last year. I extend my sincere appreciation to all in the McLean Family who have made it possible for such growth.

The School of Nursing

The aim of the School of Nursing centers around activities which are necesssary to any school. Certain areas of criteria must be used and put into practice in order to approach the philosophy and objectives set up for that purpose. Using these areas as a guide, this report should show the progress made in this school for the year 1954.

Control

Our School of Nursing Advisory Committee, acting as a liaison between the Trustees of the Hospital and School, has held six meetings in which they have discussed and given valuable advice concerning the needs of the school. Their interests have been further evinced by individual visits to the hospital, attendance at special educational events at the hospital and attendance at legislative gaherings which concern nurses in the State of Massachusetts. Further details may be found in the Annual Report of the Advisory Committee found elsewhere in this volume.



Nursing Arts

Contracts between schools have been revised for all programs for the coming year. The only new contract set up is the original one for the Collegiate Program in Psychiatric Nursing, a twelve-weeks affiliation for students from Simmons College School of Nursing and the Rad-

cliffe College-Massachusetts General Hospital School of Nursing program.

Finance

The cost-accounting has been continued. Figures on the evaluation of student nursing services is under study. Comparisons of budget and actual cost have given data upon which a decision was reached to increase the cost to each student, beginning in 1955, from $200 to $300 for tuition and other fees.

Faculty

The reorganization of responsibilities of certain faculty members is a major change made during 1954. Two definite improvements are noted: (1) Previously, the Instructor in Nursing was designated also as the Second Assistant Director of the School of Nursing, the latter title signifying certain administrative responsibilities in relation to the entire educational program. This meant that less time could be given to the supervision of students when executing the nursing procedures essential in nursing, so these general administrative responsibilities were transferred to another instructor who carried certain teaching responsibilities in science.

We now have two full-time instructors in nursing who spend most of their time in the class room or on the wards instructing and supervising preclinical and first year students in nursing.
(2) The appointment of Evening Supervisors (2:30 to 11:00 P.M.) has given more time to the Supervisors and Clinical Instructors to carry out their supervisory responsibilities to both patients and students during the day. Further studies concerning the nursing responsibilities of Day Supervisors who have teaching responsibilities will be continued in 1955.

Because of the changes in responsibilities and the new appointments to the faculty, Personnel Policies and Practices for the following positions were completed: 1) Second Assistant Director of the School of Nursing and Instructor in Sciences; 2) Instructor in Sciences; 3) Instructor in Nursing; 4) Assistant Instructor in Nursing; 5) Dietitian and Instructor in Nutrition.

The qualifications of new faculty members have been discussed and reviewed in relation to personality, professional experience, state registration and educational background. The following appointments have been made:

1) Miss Frances Foley, who was promoted from Assistant Instructor in Sciences to Second Assistant Director of the School of Nursing and Instructor in Sciences.

2) Miss Helen M. Curtis, who was appointed Instructor in Nursing, is a graduate of Lawrence General Hospital School of Nursing, holds a B.S. in Nursing from Boston University, has had one year of experience as Assistant Instructor in Nursing, six months as Supervisor of Out Patient Department, and three years as Instructor in Nursing, all in a general hospital.

3) Mrs. Pauline R. Walker, who was appointed Dietitian and Instructor in Nutrition, holds a B.S. in Education from Framingham State Teachers College, is a member of the American Dietetic Association, has had one year professional internship in dietetics, and has had four years' experience as Dietitian and Instructor in Nutrition.

4) Mrs. Kathryne D. Davidson, who was appointed Evening Supervisor (2:30 to 11:00 P.M.), Men's Service, is a graduate of the McLean Hospital School of Nursing, has had advanced college courses, and has had 14 years' experience as staff nurse, private duty nurse, assistant head nurse and head nurse in psychiatric nursing.

5) Mr. William P. McMahon, who was assigned as office nurse under nursing service in the West Wing Office.

6) Head nurses of the Assistant Faculty Group appointed were Mr. John Farrell, Mrs. Audrey C. Miller, Miss Vera K. Dunkley, Mr. Joseph A. Lee, Mrs. Jane J. Segar, B.S., Mr. Donald J. MacLean, Mr. Eric C. Lieberwirth and Miss Helen I. Meleedy.

The Faculty Organization has functioned in such a manner that all members have participated in the work of the school. The Faculty Group has met usually every two weeks, and the Head Nurse Group of the Assistant Faculty have met usually every week. Both have considered educational programs and nursing service recommendations made by active standing committees which include students in their membership. A total faculty meeting was held when all faculty, assistant faculty and associate members were able to co-ordinate the work of the organization through annual reports from all groups. Three representatives from the School of Nursing Advisory Committee were present at this meeting.

The exchange of ideas between professional groups outside the hospital has continued. Those faculty members who have participated either in professional nursing organizations or in groups such as State Hospital Psychiatric Organizations, State Recruitment Groups, Red Cross First Aid, including Boy Scouts or special study groups in a particular areas are Mrs. Makin, Mr. Durham, Mrs. Spencer, Miss Newton, Miss Curtis, Miss Heusel, Mr. Lennox, Mr. Pitcherale, Mr. Souza, Mr. Reuell and the Director of the School.

Student Personnel

The effort to obtain qualified students has continued. The work of the Committee on Publicity is as follows: 1) Folders, "Nursing, a Career with a Future", mailed to high schools, guidance centers and alumni members — 1200; 2) Bulletins sent to prospective applicants — 258; 3) Preparation of newspaper releases on school activities; 4) Announcement in "Schools of Nursing in Greater Boston" revised for the new edition to be published by the Nursing Council of the United Community Services of Greater Boston; 5) Attendance by three representatives to the "Institute for Speakers on Careers in Nursing" held by the Nursing Council of the United Community Services of Greater Boston.

The number of applicants have increased from 49 in 1953 to 83 in 1954, almost doubling itself. Of these 83 applications, 67 per cent are men and 33 per cent are women. Of those 22 men accepted in 1954, only 10 are under funds from the U. S. Veterans Administration.

The promotion and graduation plans have again included a public Investiture Service. In March, this service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. The women were presented caps and the men four-in-hand ties. The school greatly

At the Investiture Services

appreciated the contribution of the Speaker, Mrs. Dorothy Hayward, Nurse Consultant for the United Community Services of Metropolitan Boston, who gave an appropriate talk to the students as part of the service.

The annual Graduation Exercises were held in May, when two men and three women were announced as graduates of the school. The Speaker, George Gardner, M.D., was appreciated by all.

The Student Association has been active. In 1954, Miss Lois Fortin was elected president. She has faithfully carried out her responsibility, including attendance of all activities with the Massachusetts State Council of Student Nurses, as representative of the Student Association. Two delegates, including Miss Fortin, attended the National Student Council at the regular American Nurses Association Convention and reported their activities back to its members. The photograph of Mr. Eric Lieberwirth was published in the Nursing Outlook as a typical man student at the Chicago Convention.

One of the major accomplishments of the Association includes the opening of the Rumpus Room in the Women Nurses Home. The students did the major part of redecoration.

Other activities of the Association have included a Christmas contribution in cash to a needy Belmont family, several dance functions, including the Queen of Hearts Ball at the Hotel Vendome, in cooperation with two other Student Associations, a school play given to patients of two hospitals, and to relatives and employees, and the singing of Christmas Carols to patients.

Scholarships, Loans and Other Funds

The study of financial need for students has continued. Two $50 Scholarships were awarded at Graduation Exercises from the Annabella McCrae Scholarship Fund for student progress. The McLean Hospital Nurses' Alumni Asssociation awarded a single scholarship of $75 for the purpose of advanced education, and the Paramount Uniform Company gave a scholarship of $50 for student progress the first year.

The Lucia E. Woodward Fund, which is administered under the McLean Hospital Nurses' Alumni Association, was used by two students in 1954.

The three available $200 Scholarships for incoming students, set up by the hospital, were awarded to members of the new class. The one available $200 Scholarship to a Belmont High School Student, set up by the hospital, was not used.

The Annabella McCrae Scholarship Fund is over the $2500 mark toward its $5000 goal.

The McLean Hospital Nurses' Alumni Association Fund has reached the $1500 mark toward its $5000 goal.

The special fund set up by the Hospital for students in need, to be dispersed by the Director of the School of Nursing, has been continued in 1954. Only $40 has been used.

Scholarship Funds are available for qualified students whose residence is in Middlesex County, by the Women's Auxiliary to the Middlesex South District Medical Society. No qualified student has been found yet.

A General Loan Fund, supported by the Hospital for all employees, has been in constant use. Forty loans have been made to students and graduates upon recommendation. No interest has been charged.

Curriculum and Clinical Experience

The following changes have been made to improve the general instruction of students: 1) Increase in length of McLean Student Affiliation at the Massachusetts General Hospital. All students will now be assigned to Out Patient Department for 4 weeks full-time without short ward assignments as previously. Women will be assigned to medical or surgical service and the men to the surgical service with an opportunity to spend part of same in the genito-urinary clinic.

The women will now spend five additional weeks on this affiliation, thus giving them an equal assignment of medical nursing as the men. The increase of time will also give a longer period for classes to be absorbed.

2) Decrease in length of affiliation for women from 13 to 12 weeks in obstetrical and pediatric nursing. This change is in accordance with the general plan in this area and will help to standardize the required clinical experience in these fields of nursing.

3) A change of time during the three-year period of instruction and clinical experience in psychiatric nursing from the third year to the first year, when it can be more realistically integrated.

4) The integration of sanitation with the course in microbiology.

5) The integration of disaster nursing, including radioactivity, into the Nursing I and II courses.

6) The establishment of weekly seminar clinics in psychiatric nursing led by doctors on all wards in the hospital. This includes personnel other than nurses who have direct or indirect care of a particular patient.

7) Revision of the following records: The Application for Admission to the School of Nursing and the Diet Kitchen Summary Sheet.

Agency Membership in National League for Nursing

Agency Membership of the School of Nursing in the Department of Associate Degree and Diploma Programs of the National League for Nursing became a fact late in 1954 for the year 1955. This gives representatives from the administration of the hospital as well as from the administration of the school a chance to share in the preparation of educational objectives in nursing education on a national level.

Accreditation

The continued approval of this school by the National Nursing Accrediting Service has been received for 1955 and will appear on the official list of the February 1955 issue of Nursing Outlook. A full written report was submitted to this agency during 1954 and we received a notification of approaching inspection for 1956.

During December of 1954, this school was visited and inspected by the Nurse Consultant of the American Psychiatric Association and was subsequently approved by that organization.

Final Statement

The progress of this school, as outlined, is the result of concerted effort on the part of the participants, and it is with deep appreciation we include the Board of Trustees, the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service and nursing education personnel.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1955, including subsequent appointments received, effective up to and including July 1, 1955

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
assoc.: associate
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
supt.: superintendent
u.: urologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department
Oph.: Ophthalmology
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing

Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital

Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOT, E. S., cons. psychiat. (*McL.*) Pencomb Farm, Wayland

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.

Abbott, L. C., *Or.* 1916 Univ. Hosp. Med. Center, San Francisco, Calif.

ABRAMSON, D., a. obst. 127 Bay State Rd.

Acheson, G. H., *W.M.* 1939 Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio

ACKERMAN, I. P., r.p. (*M.* 1951) M. G. H.

ADAMS, F. D., *Bd. of Cons.* (*W.M.* 1918) 226 Marlborough

Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.

ADAMS, J., Jr., assoc. d. 704 Huntington Ave.

Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 203 Commonwealth Ave.

Adams, Raymond A., r.p. *N.* 1951 Univ. of Virginia Med. Sch., Richmond, Va.

ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.

Adams, W. B., *E.M.* 1918 Owls Head, Maine

Adamson, G. L., r.p. *N.* 1930 Winnipeg Clinic, Winnipeg, Manitoba, Canada

ADLER, M. H., a. *Psychiat.* 130 Washington, Newton

Ahnlund, N. W., r.s. *Or.* 1943 Santa Clara County Hosp., San Jose, Calif.

Albright, E. C., *W.M.* 1942 3901 Euclid Ave., Madison, Wis.

ALBRIGHT, F., p. (*W.M.* 1926) M. G. H.

Albuquerque, P. F., r.s. *U.* 1944 Rua Gomes Carneiro No. 28, Rio de Janeiro, Brasil

Aldwin, F. J., *C.M.* 1933 185 Crown, Meriden, Conn.

Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923 Commercial National Bank Bldg., Iron Mountain, Mich.

ALLEN, A. W., *Trustee; Bd. of Cons.* (*W.S.* 1915) 266 Beacon

Allen, D. W., *M.* M. G. H.

ALLEN, H. F., a. *Oph.* (*W.S.* 1943) 200 Beacon

Allison, C. R., *W.M.* 1938; a.r.p. 1940 176 S. Goodman, Rochester, N. Y.

ALLMAN, C. H., s. *Otolar.* 520 Commonwealth Ave.

Alper, J. M., *E.M.* 1935 425 West End Ave., New York, N.Y.

ALPERT, D. R., a. *Oph.* 41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945 2107 Van Ness Ave., San Francisco, Calif.

Alt, R. E., *W.S.* 1933 1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916 27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*) 74 The Fenway

Andersen, E. W., a.r.p. *An.* 1948 Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.
Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd., East, Charleston, W. Va.
ANDREW, N. W., a.r.p. *An.* M. G. H.
ANGELINI, H. D., a. *Otolar.*
3 Seaward Ave., Wellesley Hills
ANGLEY, J. C., a. *M.*
School, Bryantville
Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934
20 Linden, Brattleboro, Vt.
Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932
20 Linden, Brattleboro, Vt.
Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.
Arthur, R. J., *C.M.* 1952
Children's Med. Center
Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium, Middleboro
Atherton, L. D., r.s. *U.* 1952
321 W. Broadway, Louisville, Ky.
ATKINS, L., r.p. *Path.* M. G. H.
Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.
Atwood, W. G., *W.S.* 1921
151 Rock, Fall River
Aub, Elizabeth F., *M.* 1952
Boston Psychopathic Hosp.
AUB, J. C., p. (*E.M.* 1915); h.p. *E.M.* 1917 M. G. H.
AUFRANC, O. E., v.s.*Or.* (*Or.* 1938); r.s. *Or.* 1939 266 Beacon
AUSTEN, F. K., a.r.p. (*M.* 1955) M. G. H.
Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington S.W.7, London, England
AUSTIN, R. C., a.r.s. (*S.* 1951) M. G. H.
Averill, J. H., *M.* 1947
249 Crescent, Northampton
AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.
Ayers, W.B., *W.S.* 1943
75 Central Park West, New York, N. Y.
Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd., Los Angeles, Calif.
Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield
Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline
Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio
BADGER, T. L., *Bd. of Cons.* (*E.M.* 1928) 264 Beacon
Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke
BAGGETT, B., a. *Biochem. Res. M.* M. G. H.
Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.
BAKAY, L., a. *N.S.*; sr.r.s. *N.S.* 1951 M. G. H.
Baker, D. V., Jr., *E.S.* 1943 40 Broad
BAKER, M. P., p. (*E.M.* 1930)
262 Beacon
Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.
BAKER, WILLIAM H., a. *M.* M. G. H.
Baker, William J., *W.S.* 1943
1071 Brush Hill Rd., Milton
BALBONI, G. M., hon. p. 20 Prince
BALBONI, V. G., a.p. (*W.M.* 1942)
101 Bay State Rd.
BALCH, F. G., hon. s. (*W.S.* 1893)
109 Moss Hill Rd., Jamaica Plain
BALCH, F. G., Jr., clin. assoc. *S.* (*E.S.* 1925)
1180 Beacon, Brookline
Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.
BALLANTINE, H. T., Jr., a.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.
BALLY, P. R., a.r.p. M. G. H.
Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
Banker, Betty Q., a.r.p. *N.P.* 1954
Grace-New Haven Community Hosp., New Haven, Conn.
Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.
Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg., Charleston, W. Va.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline
BARLOW, J. J., r.p. M. G. H.
Barnes, B. A., *W.S.* 1945; a.r.s. 1952
1180 Beacon, Brookline
Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp., Rochester, N. Y.
BARNEY, J. D., hon. s. (*E.S.* 1905)
412 Beacon

BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline

BARR, J. S., c. *Or.* (*Or.* 1929) M. G. H.

Barretto, O. de F., *An.* 1944 Rua Gabriel Dos Santos 420, Sáo Paulo, Brasil

Barrow, D. W., *E.S.* 1937 348 Central Bank Bldg., Lexington, Ky.

Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953 Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 330 Dartmouth

BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville

BARRY, ROY J., a.r.p. *R.* M. G. H.

Barss, T. P., a.r.p. *An.* 1950 Good Samaritan Hosp., Lexington, Ky.

BARTLETT, M. K., v.s. (*W.S.* 1931) 264 Beacon

Bartlett, W. M., *C.M.* 1927 125 Michigan Ave., Decatur, Ga.

Barton, L. G., Jr., *E.S.* 1914 132 Court, Plattsburg, N. Y.

Bate, J. T., r.s. *U.* 1925 332 W. Broadway, Louisville, Ky.

Batt, R. C., r.p. *R.* 1940 210 Glen, Glens Falls, N. Y.

Baue, A. E., *S.* M. G. H.

Bauer, F. L., *Path.* 1941 Army Med. Serv. Grad. Sch., Army Med. Center, Washington, D. C.

BAUER, W., c. *M.*; r.p. *W.M.* 1927 M. G. H.

Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd., Astoria, Long Island, N. Y.

Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.

Bedell, W. C., *E.S.* 1945 168 S. Cherry, Poughkeepsie, N. Y.

BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.

Beeman, C. B., *Path.* 1934 16 Monroe Ave., N. E., Grand Rapids, Mich.

BEETHAM, W. P., s. *Oph.* 108 Bay State Rd.

BEHRINGER, G. E., a. *S.* (*W.S.* 1946); a.r.s. 1952 266 Beacon

Bell, G. O., *W.M.* 1936 321 Crafts Rd., Newton

Bell, John F., *Or.* 1941 288 Main, Burlington, Vt.

Bell, John W., *E.S.* 1946 1214 E. 64th, Seattle, Wash.

BENDA, C. E., a. psychiat. 21 Bay State Rd.

Bendheim, O. L., *W.M.* 1938 1515 N. 9th, Phoenix, Ariz.

BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.

BENEDICT, PATRICIA H., a. *M.* 264 Beacon

Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.

Bennett, C. B., *Or.* 1923 1122 University Ave., Berkeley, Calif.

BENNETT, DORIS R., a. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952 33 Southgate Pk., W. Newton

Bennett, Lillian F., *C.M.* 1946 Johns Hopkins Hosp., Baltimore, Md.

Bennett, W., *M.* 1948; a.r.p. 1949 New Eng. Center Hosp.

BENSON, J. A., Jr., a. *M.* M. G. H.

BERENBERG, W., cons. *C.M.* Children's Med. Center

Berg, H. W., r.p. *D.* 1936 75 Willett, Albany, N. Y.

BERG, R. L., a.p. (*M.* 1944); c.r.p. 1950 M. G. H.

Berkheimer, G. A., r.s. *Or.* 1941 112 State, Harrisburg, Pa.

Berkley, H. K., *C.M.* 1916 153 S. Lasky Dr., Beverly Hills, Calif.

Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954 1513 E. Capitol Dr., Milwaukee, Wis.

Bernstein, N. R., a.r.p. *Psychiat.* 1954 M. G. H.

BEUSCHER, RUTH B., a. psychiat. (*McL.*) McLean Hosp., Waverley

BEUSCHER, W. F., a. psychiat. (*McL.*) McLean Hosp., Waverley

Bickley, D. W., *W.M.* 1936 318 W. 4th, Waterloo, Iowa

Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949 3 Champney Pl.

Bienvenu, L. J., a.r.p. *D.* 1951 1426 Elm, Manchester, N. H.

Bigelow, F. S., *E.M.* 1943; a.r.p. 1947 Vet. Adm. Hosp., W. Roxbury

Billig, H. E., Jr., *Or.* 1935 Billig Clinic, Los Angeles, Calif.

BINGER, C. A. L., cons. v. psychiat. (*E.M.* 1915) 21 Lowell, Cambridge

Binion, J. T., *M.* 1953; a.r.p. 1954 National Inst. of Health, Bethesda, Md.

Binney, H., *S.S.* 1902
65 Green, Milton
BIRD, K. T., a. *M.* (*M.* 1944)
5 Bay State Rd.
Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg.,
Omaha, Nebr.
Bishop, R. C., *M.* 1945; a.r.p. 1949
2672 Maplewood Ave.,
E. Ann Arbor, Mich.
Bixby, H. I., *W.S.* 1924
21 Park, Attleboro
Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.
BLAND, E. F., p. (*E.M.* 1929)
M. G. H.
BLANK, I. H., assoc. biochem. *D.*
M. G. H.
Bliss, H. A., *M.* 1945; a.r.p. 1947
4 W. Clearfield Rd.,
Havertown, Pa.
Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio
BLODGETT, F. M., assoc.p. *C.M.*
(*C.M.* 1946); c.r.p. *C.M.* 1950
M. G. H.
Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.
BLOM, G. E., a. psychiat. M. G. H.
Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp.,
Framingham
Bloomer, E., *E.S.* 1917
22340 Michigan Ave.,
Dearborn, Mich.
Blunden-Morris, Dulcie E., a.r.p. *An.*
1953 306 Patterson Ct.,
Takoma Pk., Md.
BOCK, A. V., *Bd. of Cons.* (*W.M.*
1917); sr.h.p. *W.M.* 1924
13 Holyoke, Cambridge
Boger, W. P., a.r.p. 1942
Box 236, West Point, Pa.
BOGOCH, S., sc.res.a. (*McL.*)
McLean Hosp., Waverley
Boller, C., *E.M.* 1929
276 Dorchester Rd.,
Rochester, N. Y.
BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.
Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina,
Charleston, S. C.
Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.
Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave.,
New Britain, Conn.
Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.
Boutwell, H. K., *E.M.* 1905
15 Green, Brookline
Bowden, L., *E.S.* 1941; a.r.s. 1942
863 Park Ave., New York, N. Y.
Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline
BOWER, W. H., psychiat. (*McL.*);
r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Waverley
Boyd, H., *C.M.* 1922
937 Main, Manchester, Conn.
Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill,
Portland, Oreg.
Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.
Boylston, B. F., sr.r.s. *Or.* 1950
5215 S. Main, Houston, Tex.
BRACE, L. D., *Trustee* 67 Milk
BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline
BRAILEY, A. G., assoc. p. (*E.M.*
1930) 1180 Beacon, Brookline
BRAMAN, CONSTANCE L., a. to
gen. dir. *P.H.* (*S.N.* 1932) M. G. H.
Brannon, L. C., a.r.s. *N.S.* 1954
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale
Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center
BRAZELTON, T. B., assoc.p. *C.M.*;
a.r.p. *C.M.* 1947 51 Brattle,
Cambridge
BRAZIER, MARY A. B., neurophysi-
ol. *N.* M. G. H.
BREED, F. B., a. *Oph.*
3 Winter, Salem
BREER, R. D., a.r.p. *C.M.* M. G. H.
Brendler, S., sr.r.s. *N.S.* 1953
New Eng. Center Hosp.
Brenizer, A. G., Jr., *W.S.* 1942; r.s.
1944 1425 Elizabeth Ave.,
Charlotte, N. C.
Brent, R. L., *C.M.* M. G. H.
Breslin, J. E., *C.M.* 1938
74 North, Pittsfield
Brewster, H. H., *W.M.* 1940
Lakeside Hosp., Cleveland, Ohio
Brewster, W. R., Jr., a.r.p. *An.* 1950
M. G. H.
BRICKLEY, W. J., cons. *Forensic*
Path. 524 Commonwealth Ave.
Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp.,
Baltimore, Md.
BRIGGS, B. D., assoc. an. M. G. H.
Brigham, F. G., *E.M.* 1910
1101 Beacon, Brookline

Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.
Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.
BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 101 Bay State Rd.
BRODERICK, T. F., Jr., a.s. *Or.;* sr.r.s. *Or.* 1947
1265 Beacon, Brookline
Brooks, P. T., *E.S.* 1943; a.r.s. 1949
Walla Walla Clinic,
Walla Walla, Wash.
Broome, R. A., Jr., *M.* 1944
3 W. Columbia,
Orlando, Fla.
Brown, C. S., a.r.p. *D.* 1952
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Brown, F. B., *Or.* 1937
612 Drayton, Savannah, Ga.
Brown, Lloyd, *N.S.* 1938
341 Highland, Milton
Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard
BROWN, MADELAINE R., n.
264 Beacon
Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.
Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon
Brown, Robert K., *W.S.* 1939; r.s. 1942 1624 Gilpin,
Denver, Colo.
BROWN, T., a.s. *Or.;* r.s. *Or.* 1949
234 Marlborough
BROWNELL, G. L., assoc. physicist *M.* M. G. H.
Brues, A. M., *E.M.* 1932
Univ. of Chicago, Chicago, Ill.
Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.
BUCHANAN, W. R., Jr., a.r.p. *C.M.* (*C.M.* 1955) M. G. H.
BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.
Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.
Bullard, C. W., *W.S.* 1918
194 High, Newburyport
BUNKER, J. P., assoc. an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.
BURBANK, C.B., a. *S.* (*W.S.* 1939); r.s. 1942
264 Beacon
BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
1093 Beacon, Brookline
Burke, J. F., *S.* 1952; a.r.s. 1954
Lister Inst. of Preventive Med.,
Chelsea Bridge Rd.,
London S.W. 1, England
Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada
Burnett, C. H., c.r.p. 1946
North Carolina Memorial Hosp.,
Chapel Hill, N. C.
Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.
Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy,
Portland, Oreg.
BURRAGE, WALTER S., p. (*E.M.* 1927) 330 Dartmouth
Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine
Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester
Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough
Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.
BUTLER, A. M., c. *C.M.* M. G. H.
Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.
Byers, R. K., *E.M.* 1923
Children's Med. Center
Byrnes, R. L., a.r.p. *Path.* 1954
Memorial Hosp., New York, N. Y.
CAIN, A. J., a. psychiat. (*McL.*)
McLean Hosp., Waverley
Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave.,
Atlanta, Ga.
CALKINS, E., a. *M.;* c.r.p. 1952 M. G. H.
CAMPBELL, C. R., r.p. *Path.* M. G. H.
Campbell, J. L., r.p. *An.* 1940
806 Republic Bldg., Denver, Colo.
Canada, Wilma J., a.r.p. *Path.* 1951; r.p. *R.* 1954 St. Luke's Hosp.,
New Bedford
CANER, G. C., *Bd. of Cons.* (*W.M.* 1924) 63 Marlborough
CANLAS, B. D., Jr., a.r.p. *Path.* M. G. H.
CANNON, B., assoc. v.s.
330 Dartmouth
Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran,
Glendale, Calif.
Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.
Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.
Capland, L., r.p. *D.* 1940
541 Lincoln Rd., Miami Beach, Fla.
Capps, J. A., *E.M.* 1896
1215 E. 56th, Chicago, Ill.
Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave.,
Chicago, Ill.

Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio

Carey, J. M., *W.S.* 1946 76 Miami Ave., Newington, Conn.

CARMICHAEL, MIRIAM W., a.r.p. *N.* M. G. H.

Carmody, J. T. B., a.r.s. *N.S.* 1936 340 Main, Worcester

CARNES, H. A., a. oral s. 29 Bay State Rd.

CARNEY, H. J., a. oral s. 395 Commonwealth Ave.

Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944 420 E. 59th, New York, N. Y.

CARROLL, W. J. E., assoc. s. *Otolar.* 5 Chestnut, Arlington

Carson, P. C., r.s. *Or.* 1940 38 School, Springfield

CARTER, E. L., a.r.s. (*S.* 1954) M. G. H.

CARTER, F., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1948 51 Brattle, Cambridge

Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948 26 Farrar, Cambridge

Carter, R. R., r.p. *N.* 1942 553 Med. Arts Bldg., Portland, Oreg.

Cascario, N., Jr., *Dn.* 1944 36 N. 1st, Bangor, Pa.

Case, C. T., *W.S.* 1943 270 Genesee, Utica, N. Y.

CASS, J. W., Jr., a.p. (*W.M.* 1931) 1101 Beacon, Brookline

CASTEN, V. G., s. *Oph.* (*N.* 1929) 412 Beacon

Castle, W. B., *E.M.* 1923 Boston City Hosp.

CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.

Catterson, L. F., *C.M.* 1924 107½ High Ave., Oskaloosa, Iowa

CAVANAUGH, T., a.s. *Oph.* 395 Commonwealth Ave.

CAVE, E. F., v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon

Cecil, L. McF., *M.* 1950 University Hosp., Ann Arbor, Mich.

CERRATO, C. M., a.s. *Otolar.* 15 Bay State Rd.

CHAFETZ, M. E., a. *Psychiat.* 31 Bay State Rd.

Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921 1136 W. 6th, Los Angeles, Calif.

Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 39 E. 75th, New York, N. Y.

Chamberlin, H. R., *C.M.* 1949 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

CHANDLER, P. A., s. *Oph.* 5 Bay State Rd.

Chapin, L. D., *E.M.* 1908 20 Maple, Springfield

Chaplin, H., Jr., *M.* 1948; r.p. 1950 Hammersmith Hosp., London W.12, England

Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.

CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 330 Dartmouth

CHAPMAN, W. P., a. *M.* M. G. H.

Charash, L. I., a.r.p. *C.M.* 1952 87 Webster, Irvington, N. J.

Chase, J. S., *E.S.* 1940 141 W. Elm, Brockton

Cheer, Sheo-Nan, *E.M.* 1922 National Central Univ., Nanking, China

Cheney, M. C., *W.M.* 1918 2560 Bancroft Way, Berkeley, Calif.

Chernoff, A. I., *M.* 1948 120 Dwight, New Haven, Conn.

CHISHOLM, J. F., Jr., a. *Oph.* Mass. E. & E. Inf.

Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.

Christensen, W. R., *W.M.* 1943 Salt Lake County Gen. Hosp., Salt Lake City, Utah

Christenson, W. N., *M.* 1949; a.r.p. 1950 New York Hosp., New York, N. Y.

CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952 395 Commonwealth Ave.

CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.

CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) 78 Upland Rd., Brookline

Ciano, J. F., *Dn.* 1954 350 Hancock, Quincy

Claiborne, T. S., *W.M.* 1934 384 Peachtree, Atlanta, Ga.

Clapp, S., *N.S.* 1939 1926 W. Superior, Duluth, Minn.

CLARK, DEAN A., gen. dir. M.G.H.

Clark, DeWitt S., Jr., *E.S.* 1915 2 Oliver, Salem

Clark, G. O., *E.S.* 1904 "Chailey", Newburyport

CLARK, J. G., Jr., a. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1955 McLean Hosp., Waverley

CLARK, L. D., a. *Psychiat.* (*M.* 1948); r.p. *Psychiat.* 1950
33 Canterbury, Andover
Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.
Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.
CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester
Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Clarke, B. G., *E.M.* 1943
Pratt Diagnostic Clinic
CLAY, C. L., a.dir. M. G. H.
Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine
CLIFFORD, M. H., a.p.; a.r.p. 1935
501 Boylston
CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline
CLINE, H. S., a.r.p. *Psychiat.* M. G. H.
Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.
CLOUGH, J. M., a.s. *Oph.*
101 Bay State Rd.
Clowes, G. H. A., Jr., a.r.s. 1948
12 Pine Hill Rd., Toronto, Canada
Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.
COBB, S., *Bd. of Cons.*; cons. psychiat. (*McL.*) 34 Fernald Dr., Cambridge
COBBS, B. W., Jr., r.p. (*M.* 1953) M. G. H.
Cochran, William D., a.r.p. *C.M.* 1954
Children's Med. Center
COCHRAN, WILLIAMS, clin. assoc. *Or.* 266 Beacon
COE, R. C., r.s. (*S.* 1951) M. G. H.
COGAN, D. G., s. *Oph.*
Mass. E. & E. Inf.
Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.
COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.
COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline
Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.
Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center
Cohen, M. E., a.r.p. *Psychiat.* 1936
M. G. H.
COHEN, R. B., a. *Path.*; r.p. *Path.* 1953 M. G. H.
Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.
COHN, Z. A., a.r.p. (*M.* 1954) M. G. H.
COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon
Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.
COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*) 412 Beacon
COLES, M. R., a.r.p. *Psychiat.* M. G. H.
Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.
Collins, D. L., Jr., *S.* M. G. H.
Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.
COLLINS, HERSCHEL D., r.p. (*M.* 1953) M. G. H.
Collins, R., Jr., *E.S.* 1933
3812 S. 9th, Arlington, Va.
COLLINSON, A. W., a.s. *Oph.*
226 Bay State Rd.
Colokathis, P., a.r.s. *Or.* 1954
967 Elm, Manchester, N. H.
Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada
Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Australia
Colwell, H. S., *E.M.* 1916
309 Edwards, New Haven, Conn.
Comly, H. H., *C.M.* 1944
2105 Como Ave., St. Paul, Minn.
Compton, D. W., r.p. *An.* 1946
1110 Harvard Ave., Seattle, Wash.
Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.
Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.
Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg., Winston-Salem, N. C.
Constable, J. D., *S.* 1953; a.r.s. 1954
M. G. H.
Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.
Coolidge, J.C., *C.M.* 1945
12 Orchard Rd., Belmont
Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.
Coombs, F. S., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio
Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton
Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.

COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.
Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.
COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington
COTTER, W. C., a.r.s. *N.S.* M. G. H.
Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.
Cozen, L., *Or.* 1938
2007 Wilshire Blvd., Los Angeles, Calif.
CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
412 Beacon
Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 McLean Hosp., Waverley
Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C.
Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.
Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med., Houston, Tex.
Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N.Y.
CRAWFORD, J. D., assoc.p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington; 101 Bay State Rd.
Cronkhite, L. W., Jr., *M.* 1950; r.p. 1953 M. G. H.
Crothers, B., *W.M.* 1911
Children's Med. Center
CROWLEY, C. W., a.dn.s.
8 Newbury
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 509 Olive Way, Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
Culver, G. A., a.r.p. *An.* 1950
Box 17039, Houston, Tex.
CULVER, P. J., a.p. (*E.M.* 1942) M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood
CUMMINS, LORETTA J., hon.p.
412 Beacon
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.*
226 Marlborough
Currie, R. A., *S.* 1950; a.r.s. 1954
55 Cornwall Ave., Town of Mount Royal, Quebec, Canada
CURTIN, R. R., a.r.s. (*S.* 1953) M. G. H.
Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant
Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAFFINEE, R. W., assoc.p. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
Presbyterian Hosp., Newark, N. J.
Dalrymple, W., *M.* 1947
239 Walnut, Brookline
Dalton, J. E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.
Dann, D. S., h.p. *R.* 1922
410 Professional Bldg., Kansas City, Mo.
Darling, R. C., Jr., *C.M.* 1954
Children's Med. Center
d' Autremont, C. C., r.p. *N.* 1948
82 Marlborough
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.
Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.
DAVIES, J. A. V., p. *C.M.*
319 Longwood Ave.
Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.

Davis, B. M., a.r.s. *W.S.* 1942
4 Woodcote Park Ave.,
Purley, Surrey, England
Davis, J. M., *S.* 1948; a.r.s. 1952
Oteen Vet. Adm. Hosp.,
Asheville, N. C.
DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge
Dawson, C. W., *Or.* 1936
150 E. Broad, Columbus, Ohio
DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.
DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950
303 Dodge Ave.,
New Orleans, La.
DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon
DEGEN, J. W., a. dir. M. G. H.
DeLORME, T. L., a. *Or.*; sr.r.s. *Or.* 1955 M. G. H.
d'Elseaux, F. C., *W.M.* 1929
37 Marlborough
de MARNEFFE, F. L. A., assoc. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952 McLean Hosp., Waverley
DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925) M. G. H.
DEMPSEY, P. A., dn.s.
56 Melville Ave., Dorchester
Dennen, R. W., *E.S.* 1911
Tennants Harbor, Maine
Dennie, C. C., *D.* 1914
1103 Grand Ave., Kansas City, Mo.
Denton, Jane E., *M.* 1946; a.r.p. 1946
Cushing Vet. Adm. Hosp.,
Framingham
DePriest, O. S., III, *S.* M. G. H.
Derby, J. P., *Or.* 1925
20 Maple, Springfield
Derow, H. A., *Path.* 1928 520 Beacon
Derow, S., *Path.* 1931
925 Centre, Newton Centre
Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941
25 Maple, Springfield
DETWILER, ROBERT C., a.r.s. *Or.* M. G. H.
Detwiler, Robert H., *C.M.* 1940
3120 N. 13th, Arlington, Va.
DEUTSCH, HELENE, *Bd. of Cons.*
44 Larchwood Dr., Cambridge
Dewey, E. B., *E.S.* 1921
Thatcher Med. Center,
960 E. Green, Pasadena, Calif.
DeWILDE, H., a.dn.s.
188 Longwood Ave.
DEXTER, C. J., clin. assoc. *S.*
51 Brattle, Cambridge
Dexter, R., *E.M.* 1906
1422 Euclid Ave., Cleveland, Ohio
DIAMOND, L. K., cons. *C.M.*
Children's Med. Center
DICKERSIN, G. R., a.r.p. *Path.* M. G. H.
Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl.,
New York, N. Y.
DICKSON, W. A., a.p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947 266 Beacon
DIENES, L., cons. b. M. G. H.
Dillon, V. M., *Or.* 1932
490 Post, San Francisco, Calif.
DITMORE, H. B., Jr., a.r.s. (*S.* 1954) M. G. H.
Dixson, I. M., *W.S.* 1930
1601 Downing, Denver, Colo.
Dodd, R. B., a.r.p. *An.* 1950
127 Washington, Allston
Dodge, R. S., a.r.s. *Or.* 1946
402 Dillingham Bldg.,
Honolulu, T. H.
Dodson, L. C., r.s. *P.H.* 1932
330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945
St. Louis Univ. Med. Sch.,
St. Louis, Mo.
Dole, K. L., *E.S.* 1917
47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941
Rockefeller Inst. Hosp.,
New York, N. Y.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp.,
Burlington, Vt.
DONAHUE, H. C., assoc. s. *Oph.*
520 Commonwealth Ave.
Donald, J. H., *M.* 1947; a.r.p. 1948
1545 W. Colorado Blvd.,
Dallas, Tex.
DONALDSON, D. D., a. *Oph.*
Mass. E. & E. Inf.
DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 266 Beacon
Drake, E. H., a.r.s. 1945
29 Deering, Portland, Maine
Drake, T. G., a.r.p. 1937
4515 Lindell Blvd., St. Louis, Mo.
DREISLER, K. K., a. *Oph.*
101 Bay State Rd.
Dresel, R. L., *Or.* 1921
450 Sutter, San Francisco, Calif.
Drewry, G. R., *M.* 1953
994 Sumner Ave., Springfield
DREYFUS, P. M., r.p. *N.* M. G. H.
DROOKER, J. C., assoc. s. *Otolar.*
20 Charlesgate West
Dudley, H. R., Jr., *M.* 1953; a.r.p. *Path.* 1954 M. G. H.

Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
DUGGAN, J. A., a. *C.M.* 713 Pleasant, Worcester
Dulin, J. W., *Path.* 1933 University Hosp., Iowa City, Iowa
Dumas, C. E., r.p. *R.* 1931 390 Main, Worcester
DUNCAN, C. J., a.obst. 1101 Beacon, Brookline
DUNCOMBE, A. L., clin. assoc. *M.* (*E.M.* 1934) 167 Newbury, Brockton
Dunn, C. H., *W.M.* 1901 Katonah, N. Y.
DUNN, E., a.r.s. M. G. H.
Dunn, Fa-Chi, a.r.p. *D.* 1954 Kaiser Foundation Hosp., Oakland, Calif.
Dunn, W. M., *E.S.* 1912 127 Peachtree, N. E., Atlanta, Ga.
DUNPHY, E. B., c. *Oph.* Mass. E. & E. Inf.
Durkin, H. A., *C.M.* 1915 and *W.M.* 1917 102 North, Peoria, Ill.
Durno, E. R., *E.S.* 1929 7 S. Central Ave., Medford, Oreg.
D'Urso, J. J., r.p. *D.* 1944 301 Essex, Lawrence
DuTOIT, C. H., a.p. (*W.M.* 1943); c.r.p. 1949 M. G. H.
Dwight, R. W., *W.S.* 1931 Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
DYER, E. C., a.p. *C.M.* 1180 Beacon, Brookline
EASTON, M. T., assoc.s. *Oph.* 1180 Beacon, Brookline
Eaton, W. E., *D.* 1907 American Coll. of Surgeons, Chicago, Ill.
EDELMAN, G. M., a.r.p. (*M.* 1955) M. G. H.
Edgelow, A. F. G., *W.S.* 1921 76 Maple, Springfield
Edmonds, H. W., r.p. *Path.* 1942 909 University, Seattle, Wash.
Edsall, G., *E.M.* 1936 36 Follen, Cambridge
Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama, Birmingham, Ala.
Egel, N., r.s. *Or.* 1938 917 Stella Ave., Plainfield, N. J.
Egloff, F. R. L., r.p. *Psychiat.* 1951 1007 Farmington Ave., W. Hartford, Conn.
Ehrenkranz, N. J., *M.* 1950; r.p. 1954 M. G. H.
Eiseman, B., *E.S.* 1943 Vet. Adm. Hosp., Denver, Colo.
ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main, Hingham
Eliel, L. P., *E.M.* 1942 Oklahoma Med. Res. Inst., Oklahoma City, Okla.
Ellery, S. W., *E.S.* 1943 923 Rosewell Ave., Long Beach, Calif.
Elliot, H. L., r.p. *An.* 1942 479 Beacon, Manchester, N. H.
Elliott, J. A., Jr., *M.* 1945 1012 Kings Dr., Charlotte, N. C.
ELLIS, D. S., a.p. (*E.M.* 1941) 1101 Beacon, Brookline
Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952 110 S. Oakley, Columbus, Ohio
Ellis, L. B., *E.M.* 1928 319 Longwood Ave.
Elrick, H. E., *M.* 1944; a.r.p. 1947 1055 Clermont, Denver, Colo.
EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942 270 Commonwealth Ave.
Emerson, K., *E.S.* 1902 721 Huntington Ave.
Emerson, W. J., a.r.p. *Path.* 1947 Box 269, Somerville, N. J.
Emmons, A. B., II, *W.S.* 1905 Bay View Estates, Brewster Dr., Indian Rocks, Fla.
ENDEE, C. H., a.dn.s. 6 Marlborough
ENGEL, L. L., assoc. biochem. *M.* M. G. H.
English, H. S., a.r.p. *N.P.* 1948 Syracuse Med. Sch., Syracuse, N. Y.
Enterline, J. D., *E.S.* 1943; j.r.s. 1944 Box 381, Millwood, Wash.
EPPRIGHT, R. H., a.r.s. *Or.* M. G. H.
ERNLUND, C. H., s. *Otolar.* 5 Bay State Rd.
ESSEMBER, L. J., a. *C.M.*; a.r.p. *C.M.* 1953 Beverly Hosp., Beverly
Esslinger, J. O., a.r.s. *Or.* 1952 309 W. 6th, Fulton, Mo.
EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913) Hancock, N. H.
EVANS, M. G., s. *Otolar.* 416 Marlborough
Evans, Richard R., *Path.* 1944 Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio
EVANS, ROBLEY D., cons. *Physics* M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950
619 S. Broadway, McAllen, Tex.
Ewell, J. W., *W.M.* 1937
Dept. Hygiene and Health,
Yale Univ., New Haven, Conn.
Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.
Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.
Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.
Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.
Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp.,
Providence, R. I.
Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.
Farmer, D. A., *W.S.* 1943
62 E. Newton
FARNSWORTH, D. L., assoc.p. (*W.M.* 1935)
15 Holyoke, Cambridge
Farrell, M. E., *C.M.* 1934
318 Spring Ave.,
Clarksburg, W. Va.
FARRISEY, CLAIRE G., admin. a. (*R.N.*) M. G. H.
FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938)
M. G. H.
Faulkner, J. M., *E.M.* 1925
Med. Dept., M.I.T., Cambridge
Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg.,
Grand Rapids, Mich.
Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
FEDERMAN, D. D., a.r.p. (*M.* 1954)
M. G. H.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Elizabeth Steel Magee Hosp.,
Pittsburgh, Pa.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington
FERGUSON, E. L., a.r.s. (*S.* 1954)
M. G. H.
Ferguson, I. A., Jr., *S.* 1953; a.r.s. 1954
353 Argonne Dr., N.W.,
Atlanta, Ga.
FERGUSON, J. J., Jr., r.p. (*M.* 1951)
M. G. H.
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.
Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Arthritic and
Metabolic Dis., National Inst. of
Health, Bethesda, Md.
FIELD, R. A., c.r.p. (*M.* 1950)
M. G. H.
Finck, A. J., a.r.p. *An.* 1949
Beth Israel Hosp.
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
Finley, K. H., *W.M.* 1934; r.p. *N.* 1936
450 Sutter,
San Francisco, Calif.
Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.
Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic
FISHER, C. M., assoc. n. M. G. H.
Fisher, Mary S., *M.* 1949
Philadelphia Vet. Adm. Hosp.,
Philadelphia, Pa.
Fishman, R. A., r.p. *N.* 1950
Neurological Inst.,
Presbyterian Hosp., New York, N. Y.
Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine
Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.
Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.
FITZHUGH, G., p. 330 Dartmouth
FLAGG, J. A., a.r.p. *An.* M. G. H.
Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.
Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg.,
Fort Worth, Tex.
Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio
Floyd, C., *W.M.* 1904
246 Marlborough
FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem
Fogg, N. A., *W.S.* 1918
Rockland, Maine

FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Waverley
Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.
Foley, T. M., *Or.* 1915
1835 Eye, N. W., Washington, D. C.
Folsom, H. F., *W.M.* 1931
198 Union Ave., Framingham

FORBES, A., cons. *Neurophysiol.*
Biological Lab.,
Harvard Univ., Cambridge

FORBES, ANNE P., a.p. M. G. H.
Ford, A. B., *M.* 1950; a.r.p. 1952
Benjamin Rose Hosp.,
Cleveland, Ohio
FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.
Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.
Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.
FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton
Foster, D. P., *E.M.* 1923
Henry Ford Hosp., Detroit, Mich.
FOSTER, F. D., a. dir. M. G. H.
Foster, G. S., *M.* 1952; a.r.p. 1953
11-16 160th, Beachhurst,
Long Island, N. Y.
Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.
Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline
FRAME, B., r.p. (*M.* 1949) M. G. H.
Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.
Frank, T., a.r.p. *C.M.* 1953
38 Alpine, Cambridge
Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline
Franseen, E. F., j.r.s. *Or.* 1947
146 Chestnut, Springfield
Franz, E. M., a.r.s. *Or.* 1948
85 Grant, Denver, Colo.

FRANZBLAU, M. J., a.r.p. *D.*
M. G. H.
FRAZEE, J. R., assoc. s. *Otolar.*
1180 Beacon, Brookline
FRAZIER, C. N., c. *D.* M. G. H.
FRAZIER, H. S., a.r.p. (*M.* 1954)
M. G. H.
FREEDBERG, A. P., clin. assoc. *D.*
360 Essex, Salem
Freedman, H. J., *C.M.* 1928
483 Beacon
Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.
Freeman, G. M., *Dn.* 1946
27 Appleton Pl.,
Upper Montclair, N. J.
Freeman, N. E., r.s. *W.S.* 1935
1435 4th Ave.,
San Francisco, Calif.
Freeman, W. T., *C.M.* 1922
Biltmore, N. C.
Freiberg, J. A., *Or.* 1926
2939 Vernon Pl., Cincinnati, Ohio

FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford

FRENCH, ELIZABETH G., a. *C.M.*
10 Farwell Pl., Cambridge

FREYMANN, J. G., a. *M.* (*M.* 1947); a.r.p. 1951 M. G. H.
Frick, Adelaide H. C., a.r.p. *C.M.* 1946 Roslyn, Long Island, N. Y.

FRIEDLICH, A. L., a.p. (*M.* 1943); r.p. 1948 M. G. H.
Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.
Fritz, W. F., *M.* 1950; a.r.p. 1951
National Heart Inst., USPHS
Hosp., Baltimore, Md.

FROMER, J. L., clin. assoc. *D.*
Lahey Clinic

Frost, Harold M., *W.S.* 1915
501 Boylston
Frost, Horace B., *E.S.* 1897
1035 Washington Blvd.,
Oak Park, Ill.
Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave.,
Washington, D. C.
Fuchs, P., *W.S.* 1942
3a Ave. 7-34,
Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
85 Trumbull, New Haven, Conn.
Fuller, Henry, *W.M.* 1929
210 Hibriten Way,
Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Gamble, C. J., *W.M.* 1922
255 Adams, Milton
Gamble, J. L., *W.M.* 1912
Children's Med. Center
Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.
Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa

GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence
Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.
GANZ, R. N., assoc. p. *C.M.* (*C.M.* 1925) 262 Beacon
GARCELON, G. G., clin. assoc. *S.*
483 Beacon
GARDELLA, J. W., a. *M.* (*M.* 1945); a.r.p. 1946 M. G. H.
Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp., Toronto, Canada
Gardner, G. E., *C.M.* 1938; r.p. *C.M.* 1939 7 Trapelo Rd., Belmont
Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.* 1947 Syracuse Memorial Hosp., Syracuse, N. Y.
GARLAND, J., *Bd. of Cons.* (*C.M.* 1919 and *E.M.* 1921)
8 The Fenway
Garland, R., *W.S.* 1904
28 Dale Ave., Gloucester
GARRAN, F. W., Jr., a.r.s. (*S.* 1951) M. G. H.
Garrett, J. W. D., *An.* 1940; r.p. *An.* 1941 43 Harwood Rd., E. Natick
GARREY, W. E., clin. assoc. *S.* (*E.S.* 1933); r.s. 1936
1180 Beacon, Brookline
Garrigues, H. B., *W.S.* 1939; a.r.s. *W.S.* 1940 509 Olive Way, Seattle, Wash.
Garrity, R. W., sr.r.s. *N.S.* 1950
U. S. Naval Hosp., San Diego, Calif.
GASTEIGER, E. L., Jr., res. assoc. *N.S.* M. G. H.
GASTON, L. W., a.r.p. (*M.* 1954) M. G. H.
GATELY, G. L., clin. assoc. *C.M.*
624 Bennington, E. Boston
Gates, P. H., r.p. *Psychiat.* (*McL.*) 1942 4 Walnut Ave., Cambridge
GAULD, A. G., assoc. obst. (*E.S.* 1934) 1180 Beacon, Brookline
Gaunt, F. P., *W.S.* 1913
13-A N. Gore Ave., Webster Groves, Mo.
Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.
GEISS, G. W., a. *Phys. M.* M. G. H.
Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.
Gentry, R. W., *E.S.* 1943
65 N. Madison Ave., Pasadena, Calif.
George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 205 Trust Co. Bldg., Watertown, N. Y.
GEPHART, F. T., a.s. (*W.S.* 1942); r.s. 1948 205 Beacon
GERGELY, J., assoc. biochem. *M.*
M. G. H.
Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.
GIBERTI, FLORENCE, exec. a. *B.M.* (*S.N.* 1929) M. G. H.
Gibson, G. C., *W.S.* 1944
Robinson Memorial Hosp., Ravenna, Ohio
Gibson, J. G., a.r.p. *Psychiat.* 1951
Maudsley Hosp., London S.E., England
Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.
Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.
Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla, Wash.
GILES, R. B., Jr., a.r.p. M. G. H.
GILLESPIE, L., a. obst.
1180 Beacon, Brookline
Gillies, A. J., a.r.p. *An.* 1952
Strong Memorial Hosp., Rochester, N. Y.
Ginandes, S. C., *C.M.* 1952
37 Mellen, Cambridge
GITLIN, D., a. *C.M.*
Children's Med. Center
Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
920 S. Jefferson, Roanoke, Va.
Glendy, R. E., a.r.p. 1934
920 S. Jefferson, Roanoke, Va.
Glenn, W. W. L., a.r.s. 1946
749 Millbrook Lane, Haverford, Pa.
GLICKLICH, E. A., a.d.
403 Commonwealth Ave.
GLIMCHER, M. J., a.r.s. *Or.;* a.r.s. 1953 M. G. H.
GLOTZER, D. J., a.r.s. (*S.* 1953) M. G. H.
Glover, D. M., *W.S.* 1922
St. Luke's Hosp., Cleveland, Ohio
Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge
Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.
GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919
319 Longwood Ave.
Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave., Los Angeles, Calif.

Goetz, F. C., *M.* 1947; c.r.p. 1954
Univ. of Minnesota Hosp., Minneapolis, Minn.
GOHD, R. S., res. virologist
Mass. E. & E. Inf.
Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.
Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936
1415 Delachaise, New Orleans, La.
Golden, R., h.p. *R.* 1921
622 W. 168th, New York, N. Y.
GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham
Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.
Goldthwait, Joel C., a.r.p. *Path.* 1948
Vet. Adm. Hosp., W. Roxbury
GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough
Goodale, F., Jr., a.r.p. *Path.* 1954
M. G. H.
Goodale, J. L., *W.M.* 1893 Ipswich
GOODALE, R. L., s. *Otolar.*
330 Dartmouth
GOODALL, E. B., a. *Oph.*
99 Bay State Rd.
Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa
Gordon, E. S., *Path.* 1935
1300 University Ave., Madison, Wis.
GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health
Gordon, P. S., *Dn.* M. G. H.
Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill, Wimbledon, London S. W., England
Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave., Elizabeth, N. J.
Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
GOVE, B. J., a.dn.s.
508 Commonwealth Ave.
Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.
Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.
GRAHAM, JOHN B., a.s. M. G. H.
GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain
GRAHAM, RUTH M., clin. cytologist
M. G. H.
Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell
GRANT, W. M., a.s. *Oph.*
Mass. E. & E. Inf.
GRAY, B. C., a. *D.* 416 Marlborough
GRAY, F. C., *Chairman of Trustees*
10 P. O. Sq.
GRAY, R., *Secretary of the Corporation*
15 State
Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.
Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, R. M., cons. *Anat.* (*S.S.* 1907)
80 Mason Ter., Brookline
GREEN, T. H., Jr., a. *S.* (*W.S.* 1947); r.s. 1953
M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, E. M., *E.M.* 1889
Vineyard Haven
Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.
GREENE, J. E., a.p.
23 Bay State Rd.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
H. M. S.
Greene, Robert G., a.r.s. *Or.* 1953
Children's Med. Center
Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Gregg, A., *W.M.* 1917
49 W. 49th, New York, N. Y.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
GREGORY, J. D., assoc. biochem. *Res. Chem.* M. G. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
M. G. H.
GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
GRILLO, H. C., a. *S.* (*S.* 1948); r.s. 1955
M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.

GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation, 2020 E. 93rd, Cleveland, Ohio
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
GUNDERSEN, A.L., a.r.s. (*S.* 1950) M. G. H.
Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th, La Crosse, Wis.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.* 101 Bay State Rd.
GURALNICK, W. C., dn. s. 29 Commonwealth Ave.
Guyton, A. C., *W.S.* 1943; a.r.s. 1946 211 S. 5th, Oxford, Miss.
HAGER, L. P., a. biochem. *Res. Chem.* M. G. H.
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
Haggart, W. W., *E.S.* 1924
1236 Republic Bldg., Denver, Colo.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
HAIRE, P. G., a.s. *Oph.* 6 Pleasant, Malden
Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.
HALEY, WALLACE F., Jr., a. *Psychiat.* 520 Commonwealth Ave.
HALEY, WARREN D., a. *Oph.*
78 Church, Winchester; 1180 Beacon, Brookline
Hall, B., *M.* 1946
1853 W. Polk, Chicago, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
Hall, T. C., a.r.p. 1954 M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
Hallenbeck, D. F., Jr., r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley
HALLOWELL, P., a.r.p. *An.* M. G. H.
Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.
Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., assoc.v.s. (*W.S.* 1936); r.s. *W.S.* 1939 264 Beacon
HAMLIN, H., clin. assoc. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hampton, A. O., r.p. *R.* 1927
Garfield Memorial Hosp., Washington, D. C.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANELIN, J., assoc.r.; r. (*McL.*) M. G. H.
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
HAPP, L. C., a. *Oph.*
170 Waterman, Providence, R. I.
Haralambie, J. Q., *C.M.* 1936
Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany
HARDY, HARRIET L., assoc. p. M. G. H.
HARDY, I. B., Jr., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham
Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.
Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.
Harris, W. R., a.r.s. *Or.* 1952
609 Med. Arts Bldg., Toronto, Canada
Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.
Harrison, M. B., *E.M.* 1938
104 Funston Ave., San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.

Harting, D., *C.M.* 1947
1625 Northern Pkwy.,
Baltimore, Md.
Hartwell, J. B., *W.S.* 1905
23 E. Pikes Peak Ave.,
Colorado Springs, Colo.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*)
1939 135 Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett
Field, Brooklyn, N. Y.
HARWOOD, R., assoc. p. (*W.M.*
1936) 266 Beacon
Haswell, H. P., a.r.p. *An.* 1949
1403 E. Seneca, Tucson, Ariz.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.*
1917 699 E. South Temple,
Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee*
462 Boylston
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
Haut, A., *M.* 1950; r.p. 1953
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., a.dn.s.; dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.*
1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave.,
Palo Alto, Calif.
HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Waverley
HAYDEN, E. P., v.s.; h.s. *E.S.* 1923
270 Commonwealth Ave.
HAYDEN, J. W., a.r.s. *Or.* M. G. H.
Hayes, D. R., *E.S.* 1939
281 State, Springfield
HAYNES, RUTH C., a.r.p. *An.*
M. G. H.
HAYNES, W. M., Jr., a.r.s. (*S.*
1952) M. G. H.
HEAD, J. M., a.r.s. (*S.* 1951)
M. G. H.
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine
Heath, R. D., a.r.s. *Or.* 1950
30 W. Bells Mill Rd.,
Chestnut Hill, Philadelphia, Pa.
HEBERTSON, W. M., a.r.p. *N.*
M. G. H.
Heffron, R., *E.M.* 1931
The Commonwealth Fund,
1 E. 75th, New York, N. Y.
HELMAN, M. E., a.d.
375 Commonwealth Ave.
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
Hendren, W. H., III, *S.* 1953; a.r.s.
1954 Children's Med. Center
Hendrick, I., r.p. *Psychiat.* (*McL.*)
1932 205 Beacon
Henley, T. F., *C.M.* 1939
116 Lockland Ave.,
Winston-Salem, N. C.
HENNEMAN, P. H., a. *M.* M. G. H.
Henry, M. O., *Or.* 1922
825 Nicollet Ave.,
Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
Hermann, G., *S.* M. G. H.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc.,
Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
Hershey, F. B., *E.S.* 1947; r.s. 1952
Barnes Hosp., St. Louis, Mo.
HESS, HELEN H., sc. res. a. (*McL.*)
McLean Hosp., Waverley
Heusner, A. P., *E.S.* 1939; a.r.s. 1942
and r.s. *N.S.* 1943
647 Pleasant, Weymouth
Heyl, H. L., r.s. *N.S.* 1940
Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation,
New Canaan, Conn.
HIEBERT, C. A., a.r.s. (*S.* 1952)
M. G. H.
Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers,
Knoxville, Tenn.
HILL, J. M., a. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro

Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.
HILL, W. R., Jr., a.d.
520 Commonwealth Ave.
Hills, H. M., Jr., *Or.* 1942
524 Med. Arts Bldg.,
Charleston, W. Va.
Hills, O. W., *M.* 1943
111 St. Matthews Ave.,
San Mateo, Calif.
HINDMAN, D. H., a. obst.
1093 Beacon, Brookline
Hinshaw, A. J., *E.S.* 1947
701 Goodhue Bldg.,
Beaumont, Tex.
HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham
HIRSCH, O., cons. *N.S.*
186 Commonwealth Ave.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
HOAGLAND, M. B., a. to gen. dir. *Res. and Ed.;* assoc. biochem. *M.*
M. G. H.
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.
Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio
Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W.,
Washington, D. C.
HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 262 Beacon
Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.
Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford
Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.
Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave.,
Milwaukee, Wis.
HOLDER, R., a. *Psychiat.* (*M.* 1945); r.p. *Psychiat.* 1946
274 Commonwealth Ave.
Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover
HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1180 Beacon, Brookline
Hollings, C. B., *W.S.* 1908
John Hancock Mut. Life Ins. Co.
HOLMES, E. M., s. *Otolar.*
330 Dartmouth
HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine
HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham
Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp.,
Toronto, Canada
Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.
Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine
Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro
HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 205 Beacon
HOMANS, MRS. ROBERT, *Trustee*
280 Beacon
Hoodless, E. C., a.r.s. *Or.* 1952
612 View,
Victoria, British Columbia, Canada
Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp.,
Baltimore, Md.
Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield
Hopkins, R. W., *S.* 1948; a.r.s. 1954
Pennsylvania Hosp.,
Philadelphia, Pa.
Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead
Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline
Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
2901 Capitol Ave., Sacramento,
Calif.
Horrax, G., h.s. *W.S.* 1917
605 Commonwealth Ave.
Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 51 Brattle, Cambridge
Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950
140 W. Spruce, Sault
Ste. Marie, Mich.
Howard, H. H., *W.S.* 1914
1 Fishers Lane, Delray Beach, Fla.
Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp.,
Baltimore, Md.
HOWARD, P. M., psychiat.; acting c. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939
McLean Hosp., Waverley
HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough
Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset
Howland, J. B., *W.S.* 1897
657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield
Hubbard, E., Jr., *W.M.* 1921 29 Highland, Cambridge
Huber, W. M., r.p. *D.* 1937 Vanderbilt Clinic, Presbyterian Med. Center, New York, N. Y.
Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932 234 Marlborough
HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.
Huggins, C. E., *S.* 1953; a.r.s. 1954 Naval Med. Res. Inst., National Naval Med. Center, Bethesda, Md.
Hughes, H. C., *Or.* 1937 203 Metropolitan Bldg., Denver, Colo.
Hügin, W., a.r.p. *An.* 1948 Chir Klink im Burgerspital, Basel, Switzerland
Hummel, L. E., *Path.* 1932 135 Linwood Ave., Buffalo, N. Y.
Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon
Hunt, S. P., a.r.p. *Psychiat.* 1940 R. D. #3, Bethesda, Md.
Hunter, R. W., a.r.p. *N.* 1939 Hitchcock Clinic, Hanover, N. H.
HUNTINGTON, B. L., a. *M.* (*W. M.* 1940) John Hancock Mut. Life Ins. Co.
Huntington, J. L., *S.S.* 1908 River Dr., Hadley
HÜPPE, J. R., r.p. *R.* M. G. H.
HURWITZ, J. J., a. *U.* 636 Beacon
Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927 605 Commonwealth Ave.
HUSSEY, MARGARET B., a. *D.* 59 Coddington, Quincy
Huston, L. L., *Or.* 1937 67 Converse, Longmeadow
Hyatt, G. T., *W.S.* 1931 and *Or.* 1934 412 S. E. 4th, Evansville, Ind.
Ibsen, B., a.r.p. *An.* 1950 Solotorvet 84, Copenhagen K, Denmark
Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937 6367 Wilshire Blvd., Los Angeles, Calif.
Ingalls, T. H., r.p. *C.M.* 1938 St. Mark's Sch., Southboro
INGERSOLL, F. M., a.s. (*W.S.* 1939); a.r.s. 1942 264 Beacon
Irving, F. C., *W.S.* 1911 2 N. Pine Circle, Belleair, Clearwater, Fla.
Isaacs, J. P., a.r.p. *An.* 1952 Harvard Sch. of Public Health
Isselbacher, K. J., *M.* 1950; r.p. 1953 National Inst. of Health, Bethesda, Md.
Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood
Jackson, A. M., *W.S.* 1917 512 Broadway, Everett
JACKSON, B. B., a.r.s. (*S.* 1953) M. G. H.
Jackson, G. H., Jr., *Or.* 1919 855 Hinman Ave., Evanston, Ill.
Jackson, H., Jr., *E.M.* 1919 Boston City Hosp.
JACOBSON, B. M., assoc. p. 422 Beacon
James, G. W., III, *M.* 1944 2809 Grove Ave., Richmond, Va.
James, W. J., r.s. *N. S.* 1949 U. S. Naval Hosp., Chelsea
Javid, M., r.s. *N.S.* 1952 Univ. of Wisconsin Hosp., Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.* M. G. H.
Jefferies, W. McK., *E.M.* 1942 Lakeside Hosp., Cleveland, Ohio
Jenkins, M. T., a.r.p. *An.* 1948 Parkland Hosp., Dallas, Tex.
Jergesen, F. H., *Or.* 1942 384 Post, San Francisco, Calif.
JESSNER, LUCIE J., psychiat.; r.p. *Psychiat.* (*McL.*) 1939 M. G. H.
Jobe, M. C., *C.M.* 1924 227 16th, Denver, Colo.
JOHNSON, CARL C., a.s. *Oph.* 5 Bay State Rd.
JOHNSON, CHARLES I., s. *Otolar.* 403 Commonwealth Ave.
Johnson, F. G., *Dn.* 1943 26 Washington, Eastport, Maine
Johnson, Louis F., a.r.p. *An.* 1954 7 Hillside Ct., Gloucester
Johnson, Louis G., *Path.* 1940 and *E.M.* 1942; a.r.p. 1942 3418 Stanley, Montreal, Canada
Johnson, N. P., *E.M.* 1925 65 S. 10th, Minneapolis, Minn.
Johnson, O. R., r.p. *D.* 1931 18 Deering, Portland, Maine
Johnson, P. R., *Path.* 1936 678 Farmington Ave., W. Hartford, Conn.
JOHNSON, SALLY, dir. emeritus *S.N.* and *Nurs. Serv.* (*S.N.* 1910) 2 Brimmer

JOHNSON, V.S., sr.r.s. *Or.* M. G. H.
Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg., Waterloo, Iowa
Jones, B. B., *E.M.* 1918 and *C.M.* 1919
2013 Monument Ave., Richmond, Va.
JONES, C. M., cons. v.p. (*E.M.* 1919); h.p. *E.M.* 1921 M. G. H.
Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
520 Security Bldg., Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, S. G., clin. assoc. *S.* (*W.S.* 1923) 270 Commonwealth Ave.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
Jones, William Nicholas, a.r.s. *Or.* 1954 Worcester City Hosp., Worcester
JONES, WILLIAM NORMAN, a. *Or.* (*Or.* 1947) 266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929 and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.
Joslin, E. P., *W.M.* 1895
81 Bay State Rd.
JOYCE, JOSEPHINE, exec. a. (*R.N.*) M. G. H.
Judd, A. B., *S.* M. G. H.
Judd, J. M., *E.S.* 1944; j.r.s. *E.S.* 1945; r.s. *N.S.* 1946
17 Liberty, Montpelier, Vt.
Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio
JUSTI, R. A., a.r.p. *Path.* M. G. H.

Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada
KALIL, F. H., a.dn.s. (*Dn.* 1943)
814 Elm, Manchester, N. H.
Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.
KANE, L. W., a. *M.* (*W.M.* 1941)
205 Beacon
KAPLAN, S., a. *Psychiat.*
38 Hyde, Newton Highlands
KARAMANOUKIAN, E., a.r.p. *D.* M. G. H.
KATZ, S. L., a.r.p. *C.M.* M. G. H.
Kaufman, M. R., r.p. *Psychiat.* (*McL.*) 1933 253 Marsh, Belmont
Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester
KAZANJIAN, K. A., a.s. *Otolar.*; r.p. *D.* 1933
475 Commonwealth Ave.
KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.
KEARSLEY, R. B., c.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Keats, A. S., a.r.p. *An.* 1951
Jefferson Davis Hosp., Houston, Tex.
Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938 103 S. Hamilton, Poughkeepsie, N. Y.
Keiser, R. P., *Or.* 1942
Coral Gables Clinic, Coral Gables, Fla.
KELEMEN, G., res. assoc. *Otolar.*
20 Gloucester
KELLER, ELIZABETH B., a. biochem. *M.* M. G. H.
KELLER, J. W., a. *M.* 330 Dartmouth
KELLEY, RITA M., a. *M.* (*M.* 1947); r.p. 1949 264 Beacon
KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933 412 Beacon
KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.
Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio
Kennard, H. E., *W.S.* 1934
1180 Beacon, Brookline
Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave., Birmingham, Ala.
Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp., Minneapolis, Minn.
KENNEDY, J. H., a.r.s. (*S.* 1950) M. G. H.
Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr., Rochester, N. Y.
KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.
Kernan, R. D., *Path.* 1945
98 Adams, Milton
KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
264 Beacon
Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel, Humboldt County, Calif.
KERRIGAN, G. A., a.p. *C.M.* (*C.M.* 1950); c.r.p. *C.M.* 1952 M. G. H.
Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont
KETCHUM, P., *Trustee and Vice-President of the Corporation*
294 Washington

KETCHUM, W. F., a.p. *C.M.* (*C.M.* 1948) New Eng. Mut. Life Ins. Co.
Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931 Norwich State Hosp., Norwich, Conn.
KEUPER, C. S., a. *D.*; r.p. *D.* 1951 270 Commonwealth Ave.
Key, J. A., *Or.* 1921 4952 Maryland Ave., St. Louis, Mo.
Key, W. A., *Or.* 1927 23 2nd Ave., San Mateo, Calif.
Keyes, G. H., *M.* 1947 Ogden Clinic, Ogden, Utah
Kiely, B., *M.* 1952 Johns Hopkins Hosp., Baltimore, Md.
Kilfoyle, R. M., a.r.s. *Or.* 1951 84 Olney, Dorchester
Kilgore, A. R., *W.M.* 1914 490 Post, San Francisco, Calif.
Kimberly, C. H., r.p. *N.* 1929 Stockbridge
KIMURA, K. K., a.r.p. *C.M.* (*C.M.* 1955) M. G. H.
Kind, H. A., *C.M.* 1935 Tilton Gen. Hosp., Fort Dix, N. J.
KING, D. S., *Bd. of Cons.* (*E.M.* 1920) Hitchcock Clinic, Hanover, N. H.
KING, W. B., Jr., a.r.p. *Path.* M. G. H.
Kingman, L. C., *W.S.* 1905 76 Waterman, Providence, R. I.
Kinney, R. J., a.r.p. 1943 Route 3, N. Topeka, Kan.
Kinnicutt, R., *E.M.* 1908 72 Cedar, Worcester
Kinsey-Loring, Dera, a.r.p. 1939 203 Commonwealth Ave.
KIRKWOOD, S. B., assoc. obst. (*W.S.* 1934) 1180 Beacon, Brookline
KITE, O. W., dn.s. (*Dn.* 1951) 29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941 221½ Camden Ave., Salisbury, Md.
Klaus, Hanna, a.r.p. *Path.* 1953 Barnes Hosp., St. Louis, Mo.
KLEAVELAND, R. N., a.r.s. (*S.* 1952) M. G. H.
Klingensmith, W. E., *S.* M. G. H.
KNAPP, M. R., a.r.p. *An.* M. G. H.
Knapp, P. H., a.r.p. *Psychiat.* 1947 Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950 16 Westland Ave.
Kneisel, J. J., *E.M.* 1940 1 Greenridge Ave., White Plains, N. Y.
Knowles, J. H., *M.* 1952; a.r.p. 1953 M. G. H.
KOCH-WESER, J., a.r.p. (*M.* 1955) M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954 437 Cedar, N.W., Washington, D. C.
Kowalski, H. J., *M.* 1945; a.r.p. 1948 H. M. S.
Kozol, H. L., *E.M.* 1936 115 Bay State Rd.
Kramer, J. G., *C.M.* 1917 159 S. Main, Akron, Ohio
Krane, S. M., *M.* 1952; r.p. 1954 M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935 330 Dartmouth
KRAUT, H. L., a.r.p. *D.* M. G. H.
Kravitz, A. R., *M.* M. G. H.
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947 2317 Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946 Welch Emergency Hosp., Welch, W. Va.
KRUMBHAAR, G. D., assoc. obst. 203 Commonwealth Ave.
KUBIK, C. S., *Bd. of Cons.* 330 Dartmouth
Kuhlman, E. G., *C.M.* 1925 Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948 256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949 116 Livingston Ave., New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926 372 Marlborough
KUKRAL, J. J., a.r.p. *An.* M. G. H.
Kulka, J. P., a.r.p. *Path.* 1947 H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUWABARA, T., a. path. *Oph.* Mass. E. & E. Inf.
Lacey, W. H., *W.S.* 1917 54 School, Keene, N. H.
Lake, M., *W.M.* 1924 1060 Park Ave., New York, N. Y.
Lambert, E. C., *E.M.* 1943 Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942 c/o Dr. Adrian Lambert, 215 E. 72nd, New York, N. Y.
Lamdin, Susanne J., *C.M.* 1953 31 2nd, Hamden, Conn.
LAMONT, J. H., a. *Psychiat.*; sr.r.p. *Psychiat.* (*McL.*) 1951 M. G. H.

Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch., Nashville, Tenn.
LANGER, G. A., a.r.p. (*M.* 1955) M. G. H.
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950 M. G. H.
Larkey, J., *W.S.* 1928
3115 Webster, Oakland, Calif.
LARON, Z., r.p. *C.M.* M. G. H.
LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
LASSITER, W. E., a.r.p. (*M.* 1955) M. G. H.
Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health, Bethesda, Md.
LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham
Lawrence, George H., *W.S.* 1947; a.r.s. 1952 Barnes Hosp., St. Louis, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
60 Batterymarch
Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.
Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers
LEADBETTER, W. F., c. *U.* M. G. H.
LEAF, A., a.p. (*M.* 1944) M. G. H.
LEAHEY, B. D., s. *Oph.*
9 Central, Lowell
LeBARON, F. N., sc. res. a. (*McL.*)
McLean Hosp., Waverley
LEDBETTER, BETSY A., a.r.p. *An.* M. G. H.
LeDONNE, J. E., a. *D.;* r.p. *D.* 1952
357 Essex, Salem
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp., Oakland, Calif.
LEES, MARJORIE B., sc. res. a. (*McL.*) McLean Hosp., Waverley
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
LEIDHOLT, J. D., a. *Or.;* a.r.s. *Or.* 1952 234 Marlborough
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., Denmark Hill, London, England
LEIGHTON, H. T., a. obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.
LERMAN, J., assoc. p.
370 Commonwealth Ave.
LETSOU, V. G., a.r.p. *D.* M. G. H.
Levek, J. A., *C.M.* 1915
32 Lawrence, Lawrence
Levene, M. B., r.p. *R.* 1954
636 Beacon
LEVER, W. F., assoc. d.; a.r.p. *D.* 1938 270 Commonwealth Ave.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg., San Francisco, Calif.
LEWIS, D. K., a.s. *Otolar.*
15 Dix, Winchester
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.* 1936 281 State, Springfield
LEWIS, JOSEPH L., a.p. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937
751 Main, Waltham
Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers
Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 Carroll County Health Dept., Westminster, Md.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
LIFVERGREN, SARAH M., exec. a. *B.M.* (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
Main, Wareham
Lincoln, R. C., *Dn.* 1953 H. M. S.
LINDEMANN, E., c. *Psychiat.* M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.
LINENTHAL, A. J., assoc.p. *C.M.:* a.r.p. 1944 1265 Beacon, Brookline
Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester

LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline
LIPMANN, F., biochem. *Res. Chem.* M. G. H.
Littlefield, J. W., *M.* 1948; r.p. 1950 M. G. H.
LITTMANN, D., clin. assoc. *M.* Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.
Livingston, W. K., *W.S.* 1922
1020 S. W. Taylor, Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
115 Newbury
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
179 Allyn, Hartford, Conn.
Locksley, H. B., *S.* 1950; a.r.s. 1951; a.r.s. *N.S.* 1954 M. G. H.
Loeb, R. F., *W.M.* 1920
Presbyterian Hosp., New York, N. Y.
LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.
LOMBROSO, C. T., a.r.p. *N.* M. G. H.
LONG, R. T., a. *Psychiat.* M. G. H.
LO-PRESTI, J. J., a. *Oph.*
34½ Beacon
LORENZ, MARIA, a. *Psychiat.*; psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
Loring, R. G., *W.S.* 1896
Colonial Inn Lane, Concord
Lothrop, O. A., *W.S.* 1909
101 Beacon
LOVELL, C. V. duB., clin. assoc. *Psychiat.* 330 Dartmouth
LOVESEY, B. E., assoc. s. *Otolar.*
76 Bay State Rd.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.
Lowell, J. D., a.r.s. *Or.* 1953
Children's Med. Center
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
703 Asylum Ave., Hartford, Conn.
LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
LUCK, D. J. L., a.r.p. (*M.* 1954) M. G. H.
LUDWIG, A. O., assoc. psychiat. (*E.M.* 1932); r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
M. I. T., Cambridge
LUESSENHOP, A. J., a.r.s. *N.S.* M. G. H.
Luikart, R. H., *W.S.* 1917
107 S. 17th, Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester
Lund, I., a.r.p. *An.* 1947
Ulleval sykehus, avd. III, Oslo, Norway
Lunt, L. K., *W.M.* 1916
Double Four Ranch, Wheatland, Wyo.
LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.
Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.
Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.
Lyons, C., *W.S.* 1933; r.s. 1936
620 S. 20th, Birmingham, Ala.
Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive, St. Louis, Mo.
Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med., Pittsburgh, Pa.
MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.
McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.
MacAusland, A. R., *W.S.* 1911
412 Beacon
McCandless, O. C., *C.M.* 1926
Marion, Kan.
McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch., Washington, D. C.
McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.
McCARTHY, P. L., a. *D.*
371 Commonwealth Ave.
McCartin, J. E., *Or.* 1912 877 Beacon
McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.

McClellan, R. R., *W.M.* 1918
200 Rogers, Xenia, Ohio
McClellan, W. S., *W.M.* 1925
406 Whitehead Circle, Chapel Hill, N. C.
McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane, Port Huron, Mich.
McCONNELL, F., a.r.p. *R.* M. G. H.
McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp., San Jose, Calif.
McCune, W. S., *W.S.* 1937
2025 Eye, N. W., Washington, D. C.
McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
902 Edmond, St. Joseph, Mo.
MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada
McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine
McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
2065 Adelbert Rd., Cleveland, Ohio
McDERMOTT, W. V., Jr., a.s. (*W.S.* 1943); r.s. 1951 M. G. H.
McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.
McDONALD, F. C., assoc. p. *C.M.*
39 Main, Concord
Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine
MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp., Richmond, Va.
McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.
McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio
McFARLAND, R. B., a.r.p. *Path.* M. G. H.
McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.
McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.
McGOVERN, J. J. M., a. *C.M.* M. G. H.
McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.
McINTIRE, F. J., Jr., a. *Otolar.*
63 N. Common, Lynn
McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp., Baltimore, Md.
McIver, M. A., h.s. *E.S.* 1922
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull, Quebec, Canada
McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd., Los Angeles, Calif.
McKEIGUE, J. E., a.s. *Otolar.*
520 Commonwealth Ave.
McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.
McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester
Mackie, R. W., sr.r.s. *N.S.* 1954
U.S. Naval Hosp., Bethesda, Md.
MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.
MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada
McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline
McKITTRICK, L. S., cons. v.s. (*W.S.* 1919) 1180 Beacon, Brookline
MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
MacLAUGHLIN, C. H., a. s. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
Macmillan, A. S., Jr., r.p. *R.* 1953
Peter Bent Brigham Hosp.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.
McNeil, D., *Or.* 1930
1339 44th, Sacramento, Calif.
McNIE, A. B., a.r.p. *Path.* M. G. H.
Macomber, D., *S.S.* 1911
Tide River Farm, Brunswick, Maine
MACOMBER, J. R., *Trustee* and *President of the Corporation* 75 Federal
McPartland, C. E., r.s. *U.* 1927
29 S. Main, W. Hartford, Conn.
McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944
Box 283, Great Neck, Long Island, N. Y.
Mahoney, S. A., *E.S.* 1926
630 Dwight, Holyoke

Maier, J., *E.M.* 1940
Rockefeller Foundation, New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943
103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp., Denver, Colo.
MALCOLM, J. A., a.r.s. (*S.* 1953) M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952 M. G. H.
Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.
MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.
MANGIARACINE, ANITA B., b. *Oph.* and *Otolar.* Mass. E. & E. Inf.
Manly, I. V., *E.S.* 1947; a.r.s. 1952
2021 Clark Ave., Cameron Village, Raleigh, N. C.
Mannick, J. A., *S.* 1954 M. G. H.
Marble, A., r.p. *W.M.* 1930
81 Bay State Rd.
MARBLE, H. C., *Bd. of Cons.* (*W.S.* 1912) 270 Commonwealth Ave.
MARCUS, S. M., a. u. 520 Beacon
Mark, V. H., sr.r.s. *N.S.* 1954 M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933
15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave., Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927
90½ Gottingen, Halifax, Nova Scotia, Canada
Marshall, Clare K., r.p. *N.* 1954 M. G. H.
Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.
MARTIN, D. B., a.r.p. (*M.* 1955) M. G. H.
Martin, James A., *W.S.* 1946; r.p. *R.* 1951
3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923
107 S. 17th, Omaha, Nebr.
MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.
Mason, E. D., *M.* 1946
174 Denslow Ave., W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921 151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd., Los Angeles, Calif.
Mathieu, T. J., r.s. *U.* 1954
36 Perry, Central Falls, R. I.
Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.
MATOLTSY, A. G., assoc. biol. *D.* M. G. H.
MATTOS, E. R., a.dir. M. G. H.
Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit, Forty-five Hundred West Pine Clinics, 4500 W. Pine Blvd., St. Louis, Mo.
MAY, G. E., a.obst. 101 Bay State Rd.
MAY, H. L., a.r.s. (*S.* 1954) M. G. H.
Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford
Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott
MAYO, R. A., a.r.s. *Or.* M. G. H.
Mead, S., *E.M.* 1940 and *Path.* 1941; a.r.p. *N.* 1942
California Rehabilitation Center, Vallejo, Calif.
Meader, C. N., *E.M.* 1912
519 Majestic Bldg., Denver, Colo.
MEANS, J. H., *Bd. of Cons.* (*E.M.* 1913) 60 Mount Vernon
Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge
Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic, Johns Hopkins Hosp., Baltimore, Md.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., c. *Gyn.* (*E.S.* 1921) M. G. H.
Meister, L., *C.M.* 1937
Vet. Adm. Hosp., Long Beach, Calif.
MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.
Mellinger, G. W., *M.* 1947
Box 524, Indianapolis, Ind.
Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp., Kingston, Ontario, Canada
Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.
MERLIS, J. K., clin. assoc. *N.*
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.
MERRILL, O. E., e. *R.* M. G. H.
Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.
Mewburn, F. H. H., *Or.* 1923
416 McLeod Bldg.,
Edmonton, Alberta, Canada
Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.
Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph,
Lyon, France
MICHEL, W. S., res. assoc. *Physics M.*
265 Commonwealth Ave.
MICHELSEN, J. J., clin. assoc. *N.S.;*
a.r.s. *N.S.* 1938 Box 328,
Back Bay P.O. Annex
Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.
Michie, Catherine R., *Path.* 1943; r.p.
Path. 1944 New York Univ.,
New York, N. Y.
Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.
Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
Surry, Maine
MILLER, C. C., clin. assoc. *S.*
(*W.S.* 1938)
304 Humphrey, Swampscott
MILLER, D., a.s. *Otolar.*
403 Commonwealth Ave.
Miller, E. C., *E.M.* 1926
27 Elm, Worcester
Miller, James G., *E.M.* 1943; r.p.
Psychiat. 1944
Univ. of Chicago, Chicago, Ill.
MILLER, JULE P., Jr., a.r.p. *Psychiat.*
M. G. H.
MILLER, L. C., Jr., a. psychol.
M. G. H.
Miller, M. L., *E.M.* 1932
Vet. Adm. Hosp.,
Brentwood, Los Angeles, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
Slocum-Dickson Clinic,
Utica, N. Y.
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd.,
Los Angeles, Calif.
MINER, L. M. S., hon. s.
363 Marlborough
MINER, R. L., a.dn.s.
363 Marlborough
MING, SI-CHUN, r.p. *Path.*
M. G. H.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.*
1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MIXTER, W. J., hon. s.; cons. s.
(*McL.*) (*S.S.* 1907) Woods Hole
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONKS, J. P., a.p. (*W.M.* 1931)
13 Holyoke, Cambridge
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
Moore, B. E., r.p. *Psychiat.* 1942
1148 5th Ave., New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.*
1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, G. A., *W.S.* 1911
167 Newbury, Brockton
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* 1954
Boston Psychopathic Hosp.
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s.
1949 431 30th, Oakland, Calif.
Mora, F., *M.* 1951; a.r.s. 1953; a.r.s.
N.S. 1954 M. G. H.
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
Morgan, William L., Jr., *M.* 1953;
a.r.p. 1954
National Inst. of Health,
Bethesda, Md.
MORGAN, WINFIELD S., a. path.;
r.p. *Path.* 1951 M. G. H.
Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s.
1947 Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
520 Commonwealth Ave.

Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939 370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936 230 N. 5th, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912 Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp., Rochester, N. Y.
MOSHER, H. A., a.s. *Oph.*
71 Bay State Rd.
Mote, J. R., *W.M.* 1937
Chemical Specialties Co., Inc., 22 E. 40th, New York, N. Y.
MOYER, D. LaR., a.r.p. *Path.* M. G. H.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
Mudd, Stuart H., *M.* 1954 M. G. H.
MUELLER, H. PETER, clin. assoc. *R.* M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Mosher Lab.*
Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947
144 Golden Hill, Bridgeport, Conn.
Müller, A. F., a.r.p. 1953
Hôpital Cantonal, Univ. of Geneva, Geneva, Switzerland
Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave., Jackson, Mich.
MURPHY, G. B., Jr., a.r.s. (*S.* 1952) M. G. H.
MURPHY, H. J., a. dir. M. G. H.
MURRAY, D. B., a.r.p. *Path.* M. G. H.
MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Myers, E. E., *Or.* 1933
271 W. Short, Lexington, Ky.
MYERS, G. S., a.p. (*W.M.* 1942); c.r.p. 1943 M. G. H.
NADAS, A. S., a.p. *C.M.*
Children's Med. Center
NARDI, G. L., a. *S.* (*E.S.* 1945); r.s. 1951 M. G. H.
NATHAN, L., clin. assoc. *Or.* (*Or.* 1930) 475 Commonwealth Ave.
Nelson, C., *E.S.* 1939 490 Post, San Francisco, Calif.
Nelson, R. M., a.r.s. 1954
University Hosp., Minneapolis, Minn.
Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash.
NEMIAH, J. C., a. psychiat.; a.r.p. *Psychiat.* 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
Newburgh, L. H., *W.M.* 1909
University Hosp., Ann Arbor, Mich.
Newell, James W., *W.S.*, 1943, j.r.s. 1944 29 Glen Alpine Rd., Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn
Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd., Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
Pennsylvania Hosp., Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park, Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953
1302 Haupt Ave., Richland, Wash.
Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
Nobles, E. R., Jr., *S.* M. G. H.
Norbury, F. B., *M.* 1949
401 Farmers' Bank Bldg., Jacksonville, Ill.
Norcross, J. W., *E.M.* 1937
605 Commonwealth Ave.
Normann, N., a.r.p. *An.* 1951
Jewish Hosp., St. Louis, Mo.
NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934
1101 Beacon, Brookline
NOSS, G. M., a.dn.s.
31 Bay State Rd.
O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon
O'Brien, R. M., *Or.* 1941
4161 Lindell Blvd., St. Louis, Mo.
O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med., New Haven, Conn.

O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Odland, G. F., *M.* 1947; r.p. *D.* 1954
1523 Medical and Dental Bldg.,
Seattle, Wash.

OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.

Ogden, R. T., *C.M.* 1925
179 Allyn, Hartford, Conn.

OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.

O'KEEFE, E. S., *Bd. of Cons.*
31 Broad, Lynn

O'Keeffe, A. F., a.r.s. 1951
410 South, Needham

OLIN, M. J., a. dn. s.
29 Commonwealth Ave.

Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.

Organick, A. B., *M.* 1952; a.r.p. 1953
Fort Defiance Sanitarium,
Fort Defiance, Ariz.

Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington,
D. C.

ORSKI, BARBARA M., a.r.p. *C.M.*
(*C.M.* 1955) M. G. H.

Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.

Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.

OSGOOD, R. B., hon. s. (*W.S.*
1900) 38 Chestnut

O'SHEA, J. A., clin. assoc. *C.M.;*
a.r.p. *C.M.* 1950 11 William,
Andover

Osius, E. A., *W.M.* 1923
901 David Whitney Bldg.,
Detroit, Mich.

Ottenheimer, E. J., *E.S.* 1924
29 North, Willimantic, Conn.

Owen, W. R., *M.* 1950; r.p. 1952
National Heart Inst.,
National Inst. of Health,
Bethesda, Md.

Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave.,
Oakland, Calif.

PACKARD, F. H., supt. emeritus
(*McL.*) 25 Gregory, Marblehead

Packard, G. B., *E.S.* 1916; h.s. *E.S.*
1917 227 16th, Denver, Colo.

PAGE, L. B., a.r.p. (*M.* 1950)
M. G. H.

PALMER, R. S., p. (*W.M.* 1927)
330 Dartmouth

PAPADOPOULOS, D. A., a.r.s. *U.*
M. G. H.

Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.

Parker, G. D., *Dn.* 1939
5528 E. 33rd Ave., Denver, Colo.

Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills

Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine

Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly

PARKHURST, E. C., a.r.s. *U.*
M. G. H.

Parmenter, D. C., *E.M.* 1918
Dyer County Health Dept.,
Dyersburg, Tenn.

Parnall, E., *Or.* 1932
702 E. Central Ave.,
Albuquerque, N. M.

Parson, W., c.r.p. 1942
Sch. of Med., Univ. of Virginia,
Charlottesville, Va.

Parsons, J. P., h.p. *C.M.* 1921
808 Grand Marais Blvd.,
Grosse Point Park, Mich.

PARSONS, L., *Bd. of Cons.* (*W.S.*
1929) 203 Commonwealth Ave

Patterson, H. E., a.r.p. *C.M.* 1952
1111 W. Yakima Ave.,
Yakima, Wash.

Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.

Patterson, Russel H., *E.S.* 1919; h.s.
U. 1920
63 E. 91st, New York, N. Y.

Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave.,
Madison, Wis.

Paul, O., *W.M.* 1943
122 S. Michigan Ave.,
Chicago, Ill.

PAVLO, I. L., a. *Oph.* 520 Beacon

Peabody, C. W., *E.S.* 1917 and *Or.*
1920 474 Fisher Bldg.,
Detroit, Mich.

Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.

Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill,
Durham, N. C.

Pearson, C. M., a.r.p. *Path.* 1948
605 Commonwealth Ave.

Pearson, O. H., *W.M.* 1941; a.r.p.
1942 Memorial Hosp.,
New York, N. Y.

Pechet, M. M., a.r.p. 1952 M. G. H.

PEDERSON, D. P., a.r.p. *An.*
M. G. H.

PEEBLES, T. C., c.r.p. *C.M.* (*C.M.*
1952) M. G. H.

Peete, W. P. J., *S.* 1948; r.s. 1953
Warrenton, N. C.
Peirson, E. L., *W.S.* 1927; r.s. *U.* 1928
374 Essex, Salem
PENDLETON, M. E., a. *C.M.*
1101 Beacon, Brookline
Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah
Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.
Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.
Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.
PERLO, V. P., a.n. 412 Beacon
Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954
Boston City Hosp.
Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland
Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Hosp., Durham, N. C.
Peters, J. H., *W.M.* 1943
U.S. Vet. Adm. Hosp., Atlanta, Ga.
PETERSEN, J. A., a.r.p. *R.* M. G. H.
Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.
Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester
PETRANEK, J. R., a.r.p. (*M.* 1954)
M. G. H.
PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley
Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.
Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
319 Longwood Ave.
Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem
PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947
42 Fox, Fitchburg
Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.
PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon
Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.
Pierce, F. D., r.p. *W.M.* 1931
Fort Lauderdale, Fla.
PIERCE, IRENE R., psychol. (*McL.*)
McLean Hosp., Waverley
Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.
Pillsbury, P. L., *W.M.* 1942
Ross, Calif.
Pinckney, M. M., *W.M.* 1932
311 Med. Arts Bldg., Richmond, Va.
PIPPITT, R. B., a. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
99 Bay State Rd.
Pitkin, H. C., *Or.* 1926
909 Hyde, San Francisco, Calif.
PITTMAN, HELEN S., assoc. p.
264 Beacon
Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.
PITTS, J. D., a.r.s. (*S.* 1950)
M. G. H.
Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio
PLACE, E. H., cons. *Contag. Dis.*
Boston City Hosp.
PLOTKIN, L. H., a.r.p. *C.M.* (*C.M.* 1955)
M. G. H.
Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.
POINT, W.W., a. *M.*
330 Dartmouth
POLANSKY, S. C., a.dn.s.
60 Washington, Salem
Polderman, H., *An.* 1941
Waverly Hills Sanatorium, Waverly Hills, Ky.
POLLEN, A., a.s. *Oph.* 636 Beacon
PONTOPPIDAN, H., a.r.p. *An.*
M. G. H.
POPE, A., sc. res. assoc. *N.P.* (*McL.*)
Longwood Towers, Brookline
PORTER, H., a. n.; sc. res. a. (*McL.*); r.p. *N.* 1946
McLean Hosp., Waverley
POTSAID, M. S., a.r.p. *R.* M. G. H.
POULIN, F. K., a.dn.s. (*Dn.* 1942)
196 Marlborough
Powell, S. M., Jr., a.r.p. *C.M.* 1947
301 Palmero, Corpus Christi, Tex.
Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline
Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline
Price, S. E., Jr., *S.* M. G. H.
Prindle, K. H., *N.* 1926 and *W.S.* 1928
23 2nd Ave., San Mateo, Calif.
Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937
743 High, Dedham
Putnam, J. J., *C.M.* 1920
28 School, Foxboro
Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr., Beverly Hills, Calif.

Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.

QUARTON, G. C., a. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950
M. G. H.

QUINBY, J. T., a. *M.* (*E.M.* 1941)
264 Beacon

QUINBY, W. C., Jr., a. *S.;* r.s. 1950
264 Beacon

Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.

RABINOWITZ, M., a.r.p. M. G. H.

RACKEMANN, F. M., *Bd. of Cons.* (*E.M.* 1914) 263 Beacon

Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst

RADEBAUGH, J. F., Jr., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.

RAE, R. G., dn.s.
145 W. Elm, Brockton

Ragland, S., Jr., *M.* 1951; a.r.p. 1952
3540 Floyd Ave., Richmond, Va.

RAGLE, B. H., *Bd. of Cons.* (*E.M.* 1917) 226 Marlborough

RAK, I. P., a. *Psychiat.* 422 Beacon

Raker, J. W., *E.S.* 1942; r.s. 1949
Pennsylvania Hosp., Philadelphia, Pa.

Ramcharan, Savitri, *C.M.* 1954
Trinidad, British West Indies

Randall, Raymond V., *M.* 1946
Mayo Clinic, Rochester, Minn.

RANDALL, RUSSELL E., a.r.p.
M. G. H.

Rappleye, W. C., *W.M.* 1919
630 W. 168th, New York, N. Y.

RASMUSSEN, H., a.r.p. (*M.* 1953)
M. G. H.

RASMUSSEN, JANE S., a.r.p. *C.M.* (*C.M.* 1954) M. G. H.

Ratcliffe, J. W., *W.S.* 1946
111 St. Matthews Ave.,
San Mateo, Calif.

Rauh, A. E., *C.M.* 1936 Lyons, N. Y.

Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.

Rebello, D. J. A., a.r.p. *D.* 1954
St. Joseph's Hosp., Lowell

RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough

Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.

REED, G. F., a. *Otolar.*
Mass. E. & E. Inf.

REEVES, J. D., Jr., a.r.; r.p. *R.* 1951
M. G. H.

Reeves, R. J., r.p. *R.* 1926
Duke Hosp., Durham, N. C.

REGAN, C. D., a. *Oph.*
520 Commonwealth Ave.

REGGIO, A. W., *Bd. of Cons.* (*W.S.* 1914) School, Medfield

Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.

REIDY, J. A., a.s. *Or.* (*Or.* 1939)
1101 Beacon, Brookline

Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.

REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.

Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.

REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth

Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield

REZNICK, L., a. *D.;* r.p. *D.* 1954
270 Commonwealth Ave.

Rhinelander, F. W., II, *E.S.* 1937 and *Or.* 1938
1717 5th, San Rafael, Calif.

RHODES, F. I., a.dn.s.
1352 Beacon, Brookline

Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.

Rice, A. H., *E.S.* 1905
901 5th Ave., New York, N. Y.

Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.

Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnell Rd., Berkeley, Calif.

RICHARDS, R. S., a.r.p. *R.* M. G. H.

RICHARDSON, E. P., Jr., a.n. and a.n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.

RICHARDSON, G. S., a. *S.* (*W.S.* 1947); r.s. 1954 M. G. H.

RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.

Richardson, William R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd., Birmingham, Ala.

Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.

Riege, D. H., *C.M.* 1947
1711-15 Roosevelt Ave.,
San Antonio, Tex.

RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.

Riley, A., *S.S.* 1909
59 Bay State Rd.

Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine

Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly

Ritchie, A. C., a.r.p. *Path.* 1954
St. Mary's Hosp., Montreal, Canada

ROBBINS, L. L., c. *R.*; r.p. *R.* 1941
M. G. H.
ROBERT, FRANCOISE J., a.r.p. *Path.*
M. G. H.
Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave.,
Englewood, N. J.
Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.
Robertson, O. H., *W.M.* 1914
Univ. of Chicago, Chicago, Ill.
ROBEY, J. S., a.r.p. *C.M.* (*C.M.* 1953)
M. G. H.
Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med.,
St. Louis, Mo.
Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine
Robinson, J. M., r.p. *R.* 1936
Univ. of California Hosp.,
San Francisco, Calif.
ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
32 Cumberland Ave., Brookline
Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg.,
Portland, Oreg.
ROCKWOOD, ETHEL M., *Bd. of Cons.*
416 Marlborough
Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg.,
Minneapolis, Minn.
RODKEY, G. V., a. *S.* (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon
Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.
Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton
ROGERS, H., v.s. (*E.S.* 1925)
264 Beacon
Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
109 College, New Haven, Conn.
ROGERS, WILLIAM A., *Bd. of Cons.* (Or. 1924)
266 Beacon
ROGERS, WILLIAM P., Jr., a. *S.*; a. *Otolar.*
264 Beacon
ROOPENIAN, A., a.s. *Otolar.*
475 Commonwealth Ave.
Roots, L. H., *W.S.* 1933
Hua Chung College, Hsichow, China
ROPES, MARIAN W., assoc. p.; a.r.p. 1934
M. G. H.
Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954
24 Fenwood Rd.
Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934
Univ. of California Med. Center,
Los Angeles, Calif.
Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954
Children's Med. Center
Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
ROSENKRANTZ, J. G., a.r.s. (*S.* 1954)
M. G. H.
Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
450 Sutter, San Francisco, Calif.
ROSENTHAL, A. L., a.r.p. *D.*
M. G. H.
ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge
Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.
Roth, J. d'A., *M.* 1945
Regional Hosp.,
SHAAF, Salvia, Kan.
ROTHBERG, H. D., Jr., a.r.p. (*M.* 1954)
M. G. H.
ROTHFELD, L. J., a.r.p. *An.* M. G. H.
ROUILLARD, F., a. obst.
319 Longwood Ave.
ROUNDS, C. E., dn.s. (*Dn.* 1947)
403 Commonwealth Ave.
ROURKE, GRACE MARGARET, res. assoc. *M.*
M. G. H.
ROVIT, R. L., a.r.s. *N.S.* M. G. H.
ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon
Rowe, J. C., *M.* 1952; a.r.p. 1953
619 Washington Ave.,
Dunkirk, N. Y.
Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.
RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.
RUBINSTEIN, J. H., a.r.p. *C.M.* (*C.M.* 1954)
M. G. H.
RUDY, H. A., a. *U.* 60 Brattle,
Cambridge
Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.
Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.
Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.
RUNGE, P. M., a. *Oph.*
140 Marlborough
Rupp, J. J., a.r.p. *An.* 1947
Tucson Med. Centre,
Tucson, Ariz.

Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.
RUSSELL, P. S., Jr., a.r.s. (*S.* 1949)
M. G. H.
RUSSFIELD, AGNES BURT, a. *Path.* (*Path.* 1950); a.r.p. *Path.* 1951
M. G. H.
Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.
Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave., Newton Centre
RUTLEDGE, R. H., a.r.s. (*S.* 1950)
M. G. H.
RUTSTEIN, D. D., assoc. p.
H. M. S.
Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.
Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.
Ryan, J. P., *Dn.* 1953 211 6th, Mechanicville, N. Y.
Ryan, K. J., *M.* 1953; a.r.p. 1954
M. G. H.
RYAN, MILDRED L., a.d.
57 W. Elm, Brockton
Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.
Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
St. AUBIN, P. M. G., a.r. (*M.* 1948); r.p. *R.* 1953 M. G. H.
St. Goar, W. T., *M.* 1950; r.p. 1952
H. M. S.
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia
SALZMAN, E. W., a.r.s. (*S.* 1954)
M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg., Ardmore, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
Sanchez, G. C., *M.* 1950; a.r.p. 1951
M. G. H.
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave., Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Yale Psychiat. Clinic, New Haven, Conn.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
Saslow, G., r.p. *Psychiat.* 1943
Washington Univ. Sch. of Med., St. Louis, Mo.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., a. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953 109 N. Main, Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.
SCHALL, L. A., c. *Otolar.*
Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a. *Oph.*
327 Charles
Schiebler, G. L., *C.M.* M. G. H.
SCHMID, K., a. biochem. *M.*
M. G. H.
SCHMITT, F. O., *Trustee*
M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp., Oakland, Calif.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center

SCHWAB, R. S., n.; r.p. *N.* 1935
M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med.,
Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway,
St. Paul, Minn.
Scott, A. C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.*
M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W.,
Canton, Ohio
Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.
SCULLY, R. E., a. path. M. G. H.
Seabury, R. B., *W.S.* 1918
315 Whitney Ave.,
New Haven, Conn.
SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.
Sears, J. B., *W.S.* 1929
416 Marlborough
Seed, J. C., *M.* 1946
Sterling Winthrop Research Inst.,
Rensselaer, N. Y.
Seelye, R. H., *E.S.* 1891
131 Crescent Rd., Longmeadow
Seelye, W. C., *W.S.* 1900
390 Main, Worcester
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.
SELVERSTONE, B., clin. assoc. *N.S.;*
r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*)
1938 196 Trapelo Rd., Belmont
Senior, B., *C.M.* 1950; a.r.p. *C.M.*
1951 Med. Sch., Mowbray,
Cape Town, South Africa
SEWALL, W. F., a. obst.
466 Commonwealth Ave.
SEYFARTH, H. B. F., a.dn.s.
464 Beacon
SHAFFER, F. G., r.s. *U.* (*S.* 1952);
a.r.s. 1954 M. G. H.
Shaffer, H. A., a.r.p. *R.* 1932
244 Lebanon Ave., Hopecrest,
Morgantown, W. Va.
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South,
St. Catharines, Ontario, Canada
Shannon, James M., *S.* 1948; a.r.s.
1954 Salem Hosp., Salem
Shannon, P. W., *Or.* 1934
1927 1st Ave., North,
Birmingham, Ala.
SHARPE, J. D., assoc. psychiat.
(*McL.*); sr.r.p. *Psychiat.* (*McL.*)
1951 McLean Hosp., Waverley
SHATTUCK, G. C., cons. *T. Dis.*
(*E.M.* 1906) H. M. S.
Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.
Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.
Shaw, J. L., r.s. *P.H.* 1935 and *U.*
1937 899 Madison Ave.,
Memphis, Tenn.
SHAW, R. S., a. *S.* and a. dir. of *Blood*
Bank (*W.S.* 1946); r.s. 1952
M. G. H.
Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline
SHEA, MARJORIE L., cons. for Com-
munity Relations M. G. H.
Shedden, W. M., *E.S.* 1920; h.s. *U.*
1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.
SHELDON, C. P., assoc. obst. (*E.S.*
1931) 319 Longwood Ave.
SHELDON, D. B., a.r.s. (*S.* 1951)
M. G. H.
SHELDON, R. F., *Bd. of Cons.* (*E.S.*
1912) 31 Pinckney
SHERMAN, GRACE H., exec. a.
B.M. (*S.N.* 1934) M. G. H.
Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.
Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill
Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.
Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton
SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
American Embassy, Damascus, Syria
SHORT, C. L., assoc. p. (*W.M.*
1930); c.r.p. 1933 264 Beacon
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
SIDMAN, R. L., a.r.p. *N.* M. G. H.
SIFNEOS, P. E., a. psychiat.; assoc.
psychiat. (*McL.*); r.p. *Psychiat.*
(*McL.*) 1950; r.p. *Psychiat.* 1952
M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.

SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland City Hosp., Cleveland, Ohio

SIMMONS, F. A., assoc. v.s. (*W.S.* 1935) 330 Dartmouth

Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.

Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.

Singh, M. M., *M.* 1952; a.r.p. 1953
M. G. H.

SIPERSTEIN, M. D., a.r.p. M. G. H.

SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline

SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912) 319 Longwood Ave.

Skinner, A. L., Jr., *C.M.* 1953
Children's Orthopedic Hosp., Seattle, Wash.

Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston

Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.

SLEEPER, E. L., dn.s.
25 Bay State Rd.

SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.

SLEMONS, MARION L., clin. assoc. *C.M.* 400 Commercial, Braintree

SLOANE, A. E., a.s. *Oph.*
416 Marlborough

Sloane, R. B., r.p. *Psychiat.* 1953
24 Shawville Gardens, Ilford, Essex, England

SLOANE-STANLEY, G. H., sc. res. a. (*McL.*) McLean Hosp., Waverley

Smillie, J. W., *E.S.* 1944; j.r.s. 1945
Med. Sch., Univ. of Michigan, Ann Arbor, Mich.

SMITH, CLEMENT A., cons. *C.M.*
221 Longwood Ave.

Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.

Smith, E. Gerard, r.p. *R.* 1934

Smith, Edward T., *Or.* 1937
6410 Fannin, Houston, Tex.

SMITH, G. G., hon. s. (*W.S.* 1909)
1101 Beacon, Brookline

Smith, Hervey L., *W.M.* 1907
235 Queens Lane, Palm Beach, Fla.

Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.

SMITH, J. A., *Bd. of Cons.*
1180 Beacon, Brookline

Smith, Lemuel D., *Or.* 1923
2454 W. Kilbourn Ave., Milwaukee, Wis.

Smith, Lloyd H., Jr., *M.* 1949; a.r.p. 1950
c/o Dr. Einar Hammarsten, Karolinska Inst., Stockholm, Sweden

Smith, M. L., a.r.p. *An.* 1951
544 W. 2nd, Lexington, Ky.

Smith, Richard M., *W.M.* 1909
330 Dartmouth

Smith, Robert P., *M.* 1943
M. G. H.

SMITH, T. R., a. path. *Oph.*
Mass. E. & E. Inf.

SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline

SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough

SMITH-PETERSEN, M., a. *Or.*; sr. r.s. *Or.* 1952 266 Beacon

SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.

SNEDDON, E. A., clin. assoc. *An.*; r.p. *An.* 1954 U.S. Naval Hosp., Chelsea

SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester

Snyder, J. C., *W.M.* 1939
Harvard Sch. of Public Health, 695 Huntington Ave.

Snyder, Monica H., r.p. *An.* 1935
10879 Whipple, N. Hollywood, Calif.

Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.

Sober, S., a.r.s. *Or.* 1953
707 Waterloo, London, Ontario, Canada

SOHIER, W. D., Jr., a. *M.* (*M.* 1947); r.p. 1951 M. G. H.

Soholt, S. T., sr.r.s. *Or.* 1951
115 Duane, Redwood City, Calif.

SOJKA, FLORENCE C., exec. a. (*S.N.* 1947) M. G. H.

SOLOMON, H. C., *Bd. of Cons.*; cons. psychiat. (*McL.*)
Boston Psychopathic Hosp.

Solomon, J., r.p. *N.* 1944
2331 W. 3rd, Los Angeles, Calif.

SOODAK, M., a. biochem. *M.*
M. G. H.

Sosman, J. L., a.r.p. *R.* 1952
Children's Med. Center

Soule, A. B., Jr., a.r.p. *R.* 1932
Mary Fletcher Hosp.,
Burlington, Vt.

SOUTTER, L., clin. assoc. *S.;* a.r.s. 1941 203 Commonwealth Ave.

SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918
Cumberland Centre, Maine

Spalding, R., *E.M.* 1902
Longwood Towers, Brookline

SPANGLER, A. S., a. *D.;* r.p. *D.* 1945 330 Dartmouth

Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave.,
Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon

SPEARE, G. S., clin. assoc. *S.* (*W.S.* 1927) 353 Commonwealth Ave.

SPECTOR, L. B., a. biochem. *M.*
M. G. H.

SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline

Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak,
Dallas, Tex.

Spencer, Jack, r.p. *R.* 1934
31 Deering, Portland, Maine

Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp.,
Greensboro, N. C.

SPHIRE, R. D., a.r.p. *An.* M. G. H.

Spiers, H. W., *Or.* 1920
4405 W. 9th,
N. Hollywood, Calif.

SPIRO, D., a. *Path.* M. G. H.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.

SPRAGUE, H. B., p. (*E.M.* 1924)
1180 Beacon, Brookline

Spreng, Katharine E., *M.* M. G. H.

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse,
Syracuse, N. Y.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.

STANBURY, J. B., a.p. (*W.M.* 1941); c.r.p. 1948 M. G. H.

STANTON, J. C., dn.s.
38 Maple, Danvers

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

STAROBIN, O. E., a.r.p. (*M.* 1955)
M. G. H.

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania,
Philadelphia, Pa.

STATES, J. D., a.r.s. *Or.* M. G. H.

STAUFFER, RUTH E., a. *N.;* r.p. *N.* 1949 Peter Bent Brigham Hosp.

Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem

Steel, D., r.p. *R.* 1925
7911 Detroit Ave.,
Cleveland, Ohio

Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.

Steenburg, D. B., *E.S.* 1915
1016½ 12th, Aurora, Nebr.

Steenburg, E. K., *E.S.* 1919
1016½ 12th, Aurora, Nebr.

STENGER, R. J., a.r.p. *Path.* M. G. H.

Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg.,
St. Louis, Mo.

Stern, N. S., *E.M.* 1917
899 Madison Ave.,
Memphis, Tenn.

STERNSTEIN, H. J., assoc. s. *Otolar.*
54 Winter, Norwood

Stetson, J. B., a.r.p. *An.* 1953
Lowell Gen. Hosp., Lowell

Stetson, R. P., *W.M.* 1928
311 Beacon

Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford

Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge

Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.

Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp.,
Buffalo, N. Y.

Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.

Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.

Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.

Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly

Stiefel, D. M., *Or.* 1923
1553 Woodward Ave.,
Detroit, Mich.

Stiff, D. W. S., r.p. *R.* 1950
Williston, Vt.

Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine
Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave.,
Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
Stokes, J., III, r.p. 1954 M. G. H.
STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline
STONE, BERNARD B., r.s. *N.S.*
M. G. H.
STONE, W., Jr., a. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave.,
N. Hollywood, Calif.;
4849 Van Nuys Blvd.,
Van Nuys, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953 Vet. Adm. Hosp.,
Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
539 N. Grand Ave.,
St. Louis, Mo.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
STROM, J. O., r.p. *N.P.* M. G. H.
Stunkard, A. J., *M.* 1946
Johns Hopkins Hosp.,
Baltimore, Md.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg.,
Grand Rapids, Mich.
SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline
Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., a.s. *Oph.*
101 Bay State Rd.
Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave.,
New York, N. Y.
Sussman, M. L., r.p. *R.* 1930
801 N. 2nd Ave., Phoenix, Ariz.
Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene,
2218 N. Charles,
Baltimore, Md.
Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 1805 Monument Ave.,
Richmond, Va.
Sutter, L. A., *D.* 1913
104 W. Douglas Ave.,
Wichita, Kan.
SUYAMA, E., a.r.s. (*S.* 1951)
M. G. H.
SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.
Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell
Swan, Channing S., *W.S.* 1925
20 Gloucester
Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester
SWARTZ, J. H., *Bd. of Cons.*
464 Commonwealth Ave.
SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn
Swartz, Morton N., *M.* 1948; c.r.p. 1953 McCollum-Pratt Inst.,
Johns Hopkins Univ.,
Baltimore, Md.
Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic,
Detroit, Mich.
Sweet, C. D., *C.M.* 1913
2940 Summit, Oakland, Calif.
Sweet, E. B., a.r.s. *Or.* 1954 M. G. H.
Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950
45 Chambers
SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 205 Beacon
Sweet, Robert B., a.r.p. *An.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.
SWEET, W. H., assoc.v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.
SWEETNAM, G. H., a.dn.s. (*Dn.* 1937) 832 High, Dedham
SWEETSER, E. H., clin. assoc. *Psychiat.* 23 Bay State Rd.
Swineford, O., Jr., *W.M.* 1927
Univ. of Virginia Hosp.,
Charlottesville, Va.
Sycamore, L. K., a.r.p. *R.* 1929
Mary Hitchcock Memorial Hosp.,
Hanover, N. H.
Tabor, Celia White, *M.* 1945
3130 Wisconsin Ave., N. W.,
Washington, D. C.
TAFT, E. B., a. path. M. G. H.

Talalay, P., *S.* 1949; a.r.s. 1950
Univ. of Chicago, Chicago, Ill.
Talbert, R., r.p. *N.* 1953 M. G. H.
TALBOT, F. B., hon. p. (*E.M.* 1907)
24 Cottage Farm Rd., Brookline
TALBOT, N. B., p. *C.M.* M. G. H.
Talin, J. J., *Or.* 1943
39 2nd, Troy, N. Y.
TALKOV, R. H., a. *M.*
403 Commonwealth Ave.
TALLAND, G. A., a. psychol.
M. G. H.
Tallon, J. B., a.r.p. *R.* 1953
Herbert Reddy Memorial Hosp.,
Montreal, Canada
Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939
1010 Prince Ave., Athens, Ga.
T'an, Chung-Chang, *Or.* 1943
Children's Hosp.,
New York, N. Y.
Tanner, J. B., sr.r.s. *Or.* 1954
300 Homer Ave., Palo Alto, Calif.
Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 Goodspeed Bldg.,
Ionia, Mich.
Tatlock, H., *W.M.* 1940
26 Center, Northampton
TAYLOR, G. W., v.s. (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925
264 Beacon
Taylor, I. M., *M.* 1946; c.r.p. 1951
North Carolina Memorial Hosp.,
Chapel Hill, N. C.
Taylor, J. H., *E.M.* 1917
37 Marlborough
Teel, C. E., *W.S.* 1925
1155 State, Bellingham, Wash.
TEFFT, R. C., Jr., assoc. p. *C.M.*
266 Beacon
TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943
611 W. 114th, New York, N. Y.
TETIRICK, J. E., a.r.s. (*S.* 1952)
M. G. H.
Thacher, H. C., *C.M.* 1942
11 Turner, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave.,
Bronxville, N. Y.
Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine
Theus, W. W., *Dn.* 1952
1019 Pickens, Columbia, S. C.
THOMA, K. H., hon. s.
1180 Beacon, Brookline
Thomas, H. M., Jr., *W.M.* 1917
314 Overhill, Baltimore, Md.
THOMAS, JACKSON M., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1933
319 Longwood Ave.
Thomas, John B., *M.* 1953; a.r.p. 1954
Boston City Hosp.
Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 Franklin Bldg.,
Oakland, Calif.
Thomas, W. A., a.r.p. *Path.* 1951
Barnes Hosp., St. Louis, Mo.
Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948
Mass. Memorial Hosp.
*Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 U.S. Army Hosp., Neubrucke,
APO 34, c/o Postmaster,
New York, N. Y.
Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress,
Portland, Maine
THOMPSON, RALPH D., a.dn.s.
64 Columbus, Newton Highlands
THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940
26 Chestnut, Salem
Thompson, S. B., a.r.s. *Or.* 1947
Kernan Hosp. for Crippled Children, Baltimore, Md.
Thompson, V. P., *Or.* 1925
1136 W. 6th, Los Angeles, Calif.
Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931
Pinewood, Katonah, N. Y.
Thompson, William T., a.r.p. 1941
1000 W. Grace, Richmond, Va.
THORNDIKE, A., cons. *Traum. S.* (*W.S.* 1923) 319 Longwood Ave.
Thorndike, W. T. S., *W.S.* 1919
Germantown Hosp.,
Germantown, Pa.
Thorp, E. G., *E.M.* 1931
Malden Hosp., Malden
THURLBECK, W. M., a.r.p. *Path.*
M. G. H.
Tileston, W., *E.M.* 1900
442 Temple, New Haven, Conn.
TILLEY, R. F., a. d. 1180 Beacon,
Brookline
TIMBERLAKE, W. H., a. *N.*; r.p. *N.* 1949 20 Gloucester
TIMM, A. B., Jr., a.r.p. *D.* M. G. H.
TISDALE, W. A., r.p. (*M.* 1952)
M. G. H.
Tobin, W. J., *Or.* 1939
1835 Eye, N.W., Washington, D.C.
Todd, B. P., *W.M.* 1938
1 Monument Sq., Beverly

*Not in States and Cities section of this Directory

TODD, D. P., assoc. an.; r.p. *An.* 1947
M. G. H.
TOLL, G. D., a.r.s. (*S.* 1952)
M. G. H.
TOLMAN, M. M., d. 636 Beacon
TOMCHIK, F. S., r.p. *R.* M. G. H.
Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937
Valleyhead, Concord
Toppan, R. L., *S.S.* 1910
148 High, Newburyport
TORIELLO, J., r.p. *R.* M. G. H.
Tow, P. M., a.r.p. *Psychiat.* 1954
address unknown
Towery, B. T., r.p. 1946
Vanderbilt Univ., Nashville, Tenn.
TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp.,
White River Junction, Vt.
Tracy, R. J., *E.S.* 1943; a.r.s. 1949
18 Bank Row, Pittsfield
TRAKAS, J. C., a. *Otolar.*
1269 Beacon, Brookline
Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.
Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.
Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.
Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Manchester,
Manchester, England
Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.
Trieger, N., *Dn.* M. G. H.
Tripp, C. C., *W.S.* 1923
416 County, New Bedford
Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.
TROTTER, R. R., a. *Oph.*
Mass. E. & E. Inf.
Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1102 Grand Ave., Kansas City, Mo.
Troxler, E. R., *Or.* 1942
1000 N. Elm, Greensboro, N. C.
TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge
Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton
Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.
Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.
Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.
TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton
Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953
M. G. H.
Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.
Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.
ULFELDER, H., v.s. (*E.S.* 1939); r.s. *E.S.* 1941 264 Beacon
Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.
Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp.,
Richmond, Va.
Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.
Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930 Williams College,
Williamstown
Uyeda, I., *C.M.* 1950; a.r.p. *C.M.* 1951
30 Fortuna Ave.,
San Francisco, Calif.
VAGELOS, P. R., a.r.p. (*M.* 1955)
M. G. H.
Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn
VANCE, R. G., clin. assoc. *R.;* r.p. *R.* 1924 262 Beacon
VANDERVEEN, J. L., c.r.p. *An.*
M. G. H.
VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton
VAN EERDE, A., a.r.p. *An.* M. G. H.
VAN GORDER, G. W., *Bd. of Cons.*
262 Beacon
Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston
van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.
Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.
Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.
Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham
Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave.,
New Haven, Conn.
Veldee, M. V., *E.M.* 1920
Stanford Research Inst.,
Stanford, Calif.
VERHOEFF, F. H., cons. c. *Oph.*
395 Commonwealth Ave.
Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.
VICKERY, A. L., Jr., a. path.
M. G. H.

VICTOR, M., a.n. M. G. H.
VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline
VINCENT, B., hon. s. (*W.S.* 1903)
925 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med.,
Seattle, Wash.
von FELSINGER, J. M., assoc. psychol.; assoc. psychol. *An.*
M. G. H.
von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918 Box 3536,
Daytona Beach, Fla.
Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton
WADDELL, W. R., a. s. (*W.S.* 1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., a.dn.s.
301 Essex, Lawrence
WAKSMAN, B. H., assoc. b. *N.*
M. G. H.
Waldman, J., a.r.s. *Or.* 1949
Billings Gen. Hosp.,
Univ. of Chicago, Chicago, Ill.
Waldron, A. M., *E.M.* 1938; a.r.p. 1939
324 S. State, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, A. M., *E.M.* 1925
Dept. of Med. and Surg.,
Vet. Adm., Washington, D. C.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
Walker, J. K., *Dn.* 1954
2161 Massachusetts Ave.,
Cambridge
Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953 Med. Arts Bldg.,
Calgary, Alberta, Canada
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
WALLACE, R. H., clin. assoc. *S.* (*W.S.* 1929); r.s. *E.S.* 1931
264 Beacon
Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover
Walser, M., *M.* 1949; a.r.p. 1950
Oenoke Ave., New Canaan, Conn.
WALTER, M. McN., Jr., a. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1955
McLean Hosp., Waverley
Walton, R. W., *W.S.* 1926
102 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg.,
Hong Kong, China
Wang, Chiu-chen, r.p. *R.* 1952
M. G. H.
WANG, SHEN KUANG, a.r.s. *Or.*
M. G. H.
Wang, Yang, *M.* 1953; a.r.p. 1954
c/o Mr. John Goette, 304 E. 42nd,
New York, N. Y.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., *Bd. of Cons.* (*W.S.* 1936) 1180 Beacon, Brookline
Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of
California South, Los Angeles, Calif.
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., a. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave.,
Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W.,
Washington, D. C.
WEBSTER, E. W., physicist *R.*
M. G. H.
Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine
WEBSTER, H. deF., r.p. *N.* M. G. H.
WEBSTER, R. C., clin. assoc. *S.* (*E.S.* 1943); j.r.s. 1944
1101 Beacon, Brookline

Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon
Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.
Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg.,
Wheeling, W. Va.
WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.
WEINBERGER, J. L., a. psychiat.
51 Brattle, Cambridge
WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton
Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd.,
Cleveland Heights, Ohio
WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.
WEISMAN, A. D., a. psychiat.; r.p.
Psychiat. 1945 464 Beacon
WEISS, ELIZABETH S., cons. for
Community Relations M. G. H.
WEISS, RUTH S., a. psychiat. (*McL.*)
McLean Hosp., Waverley
WELCH, C. E., v.s. (*E.S.* 1934); r.s.
E.S. 1937 266 Beacon
WELD, G. S., *Asst. Treasurer of the*
Corporation 45 Milk
Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.
Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little
Neck, Long Island, N. Y.
Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.
WESSELHOEFT, C., cons. *M.*
315 Marlborough
WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline
West, W. W., *S.* 1948; a.r.s. 1954
309 Regent Ct., Stockton, Calif.
Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester
Wheeler, C. A., *N.S.* 1935 and *W.S.*
1938 69 West, Leominster
WHEELER, E. O., a.p. M. G. H.
Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.
Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd.,
Columbus, Ohio
WHEELOCK, F. C., Jr., a. s. (*E.S.*
1943); a.r.s. 1949
1180 Beacon, Brookline
Whiskin, F. E., r.p. *Psychiat.* (*McL.*)
1952; r.p. *Psychiat.* 1954
344 Commonwealth Ave.
WHITE, C. J., hon. p.
259 Marlborough
WHITE, E. M., a. dir. M. G. H.
WHITE, J. C., c. *N.S.* (*W.S.* 1925);
r.s. *W.S.* 1927 M. G. H.
White, Laurens P., *M.* 1950; a.r.p.
1951
Laguna Honda Home,
San Francisco, Calif.
WHITE, LeMOYNE, assoc. psychiat.
(*E.M.* 1942); r.p. *Psychiat.* 1947
M. G. H.
WHITE, P. D., *Bd. of Cons.;* cons.
cardiol. (*McL.*) (*C.M.* 1911 and
W.M. 1913); h.p. *W.M.* 1920
264 Beacon
Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.
WHITFIELD, T. J., III, a.r.p. *C.M.*
(*C.M.* 1954) M. G. H.
Whitford, W., *Or.* 1931
22 Roosevelt Ave.,
Poughkeepsie, N. Y.
WHITING, R. G., a.p.
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p.
C.M. 1947
Bellevue Hosp., New York, N. Y.
Whittemore, William S., *S.S.* 1910
3 Concord Ave., Cambridge
WHITTEMORE, WYMAN, hon. s.
(*W.S.* 1906) Boyce, Va.
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard
Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
WILCOX, R. E., a.r.s. (*S.* 1949)
M. G. H.
WILKINS, E. W., Jr., a. *S.* (*W.S.*
1945); a.r.s. 1951 205 Beacon
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p.
(*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s.
Or. 1946; r.s. *U.* 1948
4 Chestnut, Springfield
WILLIAMS, O. B., Jr., a.r.p. *An.*
M. G. H.
WILLIAMS, R. C., Jr., a.r.p. (*M.*
1955) M. G. H.
WILLIAMS, V. P., a. psychiat. (*E.S.*
1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
Avenue Pedro de Valdivio 2476,
Santiago, Chile
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.

Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950
New York Hosp., New York, N. Y.

Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.

Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.

Wilson, John L., *E.S.* 1940; r.s. 1948
490 Post, San Francisco, Calif.

WILSON, P. D., *Bd. of Cons.* (*E.S.* 1914)
321 E. 42nd, New York, N. Y.

Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946
14 E. 90th, New York, N. Y.

WILSON, RICHARD V., a.r.
M. G. H.

WILSON, ROBERT F., clin. assoc. *C.M.*
113 Locust, Dover, N. H.

Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg., Kansas City, Mo.

Winn, W. A., *E.M.* 1934
Springville Hosp., Springville, Calif.

Winsor, A. P., *W.M.* 1919 and *W.S.* 1921
1101 Beacon, Brookline

Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave., Indianapolis, Ind.

Wolff, J., *M.* 1954
25 Bay Wood Ave., San Anselmo, Calif.

Wolff, L., *W.M.* 1924
270 Commonwealth Ave.

Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College, Peiping, China

Wood, B. S., *E.S.* 1933
751 Main, Waltham

Wood, E. C., *M.* 1951
Yale Univ. Sch. of Med., New Haven, Conn.

Wood, H. P., *M.* 1948
Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.

Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923
Sch. of Med., Univ. of Virginia, Charlottesville, Va.

Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.

WOOD, W. FRANKLIN, dir. (*McL.*)
McLean Hosp., Waverley

Wood, William E., *Dn.* 1940
1726 Eye, N.W., Washington, D. C.

Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.

WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947
1101 Beacon, Brookline

Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.

WYMAN, R. R., a.dn.s.
53 Bay State Rd.

WYMAN, S. M., r.; j.r.p. *R.* 1942
M. G. H.

Wyngaarden, J. B., *M.* 1949; r.p. 1951
National Heart Inst., National Inst. of Health, Bethesda, Md.

Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Mental Health, Bethesda, Md.

Wysham, D. N., *M.* 1954; a.r.p. 1955
M. G. H.

Yaffee, H. S., a.r.p. *D.* 1953
15 Everett, Cambridge

Yanagisawa, K., *Or.* 1944
50 E. 52nd, New York, N. Y.

Yankauer, A., *C.M.* 1941
New York State Dept. of Health, Albany, N. Y.

Yatsuhashi, M., *W.S.* 1945; a.r.s. 1946
66 Beals, Brookline

Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
Sunmount Hosp., Tupper Lake, N. Y.

Yens, O. C., *C.M.* 1930 and *W.M.* 1932
Mass. Hosp. Sch., Canton

Youmans, J. B., *E.M.* 1921
Univ. of Illinois Coll. of Med., Chicago, Ill.

Young, C., *E.S.* 1923
Med. Arts Bldg., Salt Lake City, Utah

Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.

YOUNG, E. L., *Bd. of Cons.* (*W.S.* 1910)
1180 Beacon, Brookline

Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.

Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge

ZACARIAN, S. A., r.p. *D.*
M. G. H.

Zacks, S. I., *Path.*
M. G. H.

ZAMBON, ENES, exec. a. (*S.N.* 1929)
M. G. H.

Zamcheck, N., *Path.* 1943
Boston City Hosp.

ZAMECNIK, P. C. M., assoc.p.
M. G. H.
Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center
Zartman, H. F., *C.M.* 1954
Boston City Hosp.
ZAUDY, ELEONORE C., a.p. *C.M.*
1247 Beacon, Brookline
ZEAVIN, B. H., a. *Oph.*
101 Bay State Rd.
ZELLER, J. W., assoc. p. (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZETZEL, ELIZABETH R.,
a. psychiat. 14 Hubbard Pk., Cambridge
ZONDERMAN, B., a.s. *Otolar.*
314 Commonwealth Ave.
ZOVICKIAN, A., a. *Otolar.*
270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
ZUIDEMA, G. D., a.r.s. (*S.* 1954)
M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, B. H.
Lyons, C.
Perley, A. I.
Richardson, W. R.
Shannon, P. W.

ARIZONA

Fort Defiance
Organick, A. B.
Kingman
Findlay, F. M.
Phoenix
Bendheim, O. L.
Sussman, M. L.
Tucson
Haswell, H. P.
Omer, J. A.
Rupp, J. J.
Willcox
Havemeyer, W. F.

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Putnam, T. J.
Glendale
Cannon, J. A.
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Snyder, W. H., Jr.
Korbel
Kerr, W. J.
Long Beach
Ellery, S. W.
Meister, L.
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Cozen, L.
Goettsch, E.
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McKeever, F. M.
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Miller, M. L.
Miller, R. B.
Mills, L., Jr.
Mudd, S. G.
Rose, A. S.
Scholl, A. J.
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Thompson, V. P.
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Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.
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Snyder, M. H.
Spiers, H. W.
Stout, K. L.
Oakland
Dunn, F. C.
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Graeser, J.B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Owyang, P.
Richards, D. N.
Schoen, E. J.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.
Palo Alto
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Pasadena
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Gentry, R. W.
MacLaren, W. R.
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Newell, J. W.
Pomona
Wilcox, J. C.
Redlands
Dole, K. L.
Redwood City
Soholt, S. T.
Ross
Pillsbury, P. L.
Sacramento
Horn, C. E.
McNeil, D.
San Anselmo
Wolff, J.
San Bruno
Quinn, T. J., Jr.
San Diego
Garrity, R. W.
Peabody, H. D., Jr.
San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Jergesen, F. H.
Kilgore, A. R.
Levy, S. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, I.
White, L. P.
Wilson, J. L.
San Jose
Ahnlund, N. W.
McCort, J. J.
San Mateo
Hills, O. W.
Key, W. A.
Prindle, K. H.
Ratcliffe, J. W.
San Rafael
Rhinelander, F. W., II
Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.
Santa Cruz
Fowler, C. B.
Springville
Winn, W. A.
Stanford
Veldee, M. V.
Stockton
West, W. W.
Tulare
Vitt, R. J.
Vallejo
Mead, S.
Tyson, R. G.
Van Nuys
Stout, K. L.
West Los Angeles
Mason, E. D.

COLORADO

Colorado Springs
Hartwell, J. B.
Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Dixson, I. M.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Haggart, W. W.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
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MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
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Mitchel, D. H.
Packard, G. B.
Parker, G. D.
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Spencer, J. R.
Van Stone, W. D.
Greeley
Russell, H. N., Jr.

CONNECTICUT

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Mulford, E. H., II
Strayer, L. M., Jr.
Fairfield
Harris, H. P., Jr.
Hamden
Lamdin, S. J.

Hartford
Fairlie, C. W., Jr.
Greene, G. S.
Griggs, J. B.
Hepburn, R. H.
Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Watson, J. W.
Manchester
Boyd, H.
Meriden
Aldwin, F. J.
Stewart, J. E.
New Britain
Borden, R. P.
Bosco, H. F.
New Canaan
Hiden, R. B.
Walser, M.
New Haven
Banker, B. Q.
Chernoff, A. I.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Harrison, E. R.
Hathaway, J. S.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Sandifer, M. G., Jr.
Seabury, R. B.
Smith, H. W.
Tileston, W.
Vaughan, V. C., III
Wood, E. C.
Newington
Carey, J. M.
Norwalk
Gens, J. P.
Norwich
Kettle, R. H.
Sharon
Gevalt, F. C., Jr.
Waterbury
Cole, C. H.
Harty, J. E.
West Hartford
Egloff, F. R. L.
Johnson, P. R.
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Willimantic
Ottenheimer, E. J.

DELAWARE

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Maroney, J. W.
Stoddard, J. K.

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McCann, S. M.
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Miller, R. B.
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Ruffin, M. deG.
Sabin, H. S.
Saunders, G. M.
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Tobin, W. J.
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Watts, J. W., II
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Meyer, H. I.
Miller, J. G.
Paul, O.
Perkins, J. F., Jr.
Robertson, O. H.
Talalay, P.
Waldman, J.
Youmans, J. B.
Evanston
Jackson, G. H., Jr.
Glencoe
Anderson, E. G.
Great Lakes
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Jacksonville
Norbury, F. B.
Lake Bluff
Ward, J. L.
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Peoria
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INDIANA

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IOWA

Des Moines
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Waterloo
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KANSAS

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North Topeka
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Salvia
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Wichita
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KENTUCKY

Lexington
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Barss, T. P.
Massie, W. K., Jr.
Myers, E. E.
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Bate, J. T.
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LOUISIANA

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DeBusk, F. L.
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MAINE

Auburn
Thacher, H. C.
Bangor
Clement, J. D., Jr.
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Macomber, D.
Cumberland Centre
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Eastport
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Northeast Harbor
Fitch, R. R.
Owls Head
Adams, W. B.
Portland
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Drake, E. H.
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McDermott, L. J.
Parker, J. M.
Robinson, C. M.
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Thaxter, L. T.
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Webster, F. P.
Rockland
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Heath, P., Jr.
Skowhegan
Stinchfield, A. J.
Surry
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Tennants Harbor
Dennen, R. W.
Waterville
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Yarmouth
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MARYLAND

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Bennett, L. F.
Bridge, E. M.
Fritz, W. F.
Gay, L. N.
Greenhill, M. H.
Harting, D.
Hopkins, C. E.
Howard, J. E.
Kiely, B.
McIntyre, P. A.
Meath, J. A.
Phelps, W. M.
Stunkard, A. J.
Sutherland, G. F.
Swartz, M. N.
Thomas, H. M., Jr.
Thompson, S. B.
Bethesda
Binion, J. T.
Field, J. B.
Firminger, H. I.
Huggins, C. E.
Hunt, S. P.
Isselbacher, K. J.
Laster, L.
Mackie, R. W.
Morgan, W. L., Jr.
Owen, W. R.
Pittman, J. A., Jr.
Wyngaarden, J. B.
Wynne, L. C.
Salisbury
Kitts, A. W.
Takoma Park
Blunden-Morris, D. E.
Towson
Wies, D.
Westminster
Lichtenwalner, C. S.

MASSACHUSETTS

Amesbury
Warren, C. F.
Amherst
Radcliffe, E. J.
Andover
Clark, L. D.
Holihan, J. P.
O'Shea, J. A.
Arlington
Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Belmont
Coolidge, J. C.
Gardner, G. E.
Kaufman, M. R.
Kershaw, B. R.
Semrad, E. V.
Beverly
Alt, R. E.
Bandeian, A. M.
Essember, L. J.
Parkhurst, A. E.
Risley, T. S.
Scott, D. H.
Stickney, R. C.
Todd, B. P.
Boston
Abbott, J. A.
Abramson, D.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Adams, R. H.
Albright, F.
Allen, A. W.
Allen, H. F.
Allman, C. H.
Alpert, R.
Altschule, M. D.
Arrowood, J. G.
Arthur, R. J.
Aub, E. F.
Aub, J. C.
Aufranc, O. E.
Ayer, J. B.
Badger, T. L.
Baggett, B.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
Bandler, B.
Banks, H. H.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
Benda, C. E.
Benedict, E. B.
Benedict, P. H.
Bennett, W.
Benson, J. A., Jr.
Berenberg, W.
Berg, R. L.
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Bidwell, R. LeR., II
Bigelow, F. S.
Bird, K. T.
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Blank, I. H.
Blodgett, F. M.
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Brannon, L. C.
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Braudo, J. L.
Brazier, M. A. B.
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Brewster, W. R., Jr.
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Brockhurst, R. J.
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Brownell, G. L.
Bucher, N. L. R.
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Byers, R. K.
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Cochran, W. D.
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d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
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Diamond, L. K.
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Gephart, F. T.
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Goldthwait, J. E.
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Graham, J. B.
Graham, J. R.
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Green, T. H., Jr.
Greene, J. E.
Greene, R. G.
Greene, R. W.
Gregory, J. D.
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Griesemer, R. D.
Grillo, H. C.
Gross, J.
Grove-Rasmussen, M.
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Hager, L. P.
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Hanelin, J.
Hanflig, S. S.
Hardy, H. L.
Harwood, R.
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Hawes, L. E.
Hayden, E. P.
Helman, M. E.
Hendren, W. H., III
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Hoagland, M. B.
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Homans, J., Jr.
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Hugenberger, P. W.
Humphreys, S. P.
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Jones, H. W., Jr.
Jones, S. G.
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Joslin, E. P.
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Kazanjian, K. A.
Kazanjian, V. H.
Kelemen, G.
Keller, E. B.
Keller, J. W.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kent, C.
Kerr, W. S., Jr.
Kerrigan, G. A.
Ketchum, W. F.
Keuper, C. S.
Kilfoyle, R. M.
Kinsey, D.
Kite, O. W.
Knapp, P. H.
Knapp, R. G., Jr.
Kowalski, H. J.
Kozol, H. L.
Krane, S. M.
Kranes, A.
Krayer, O.
Krumbhaar, G. D.
Kubik, C. S.
Kuhns, J. G.
Kulka, J. P.
Kunz, L. J.
Kuwabara, T.
Lamont, J. H.
Lanman, T. H.
Lansing, C.
Lawrence, G. W.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leidholt, J. D.
Leighton, H. T.
Leighton, J.
Lennox, W. G.
Lentine, J.
Lerman, J.
Levene, M. B.
Lever, W. F.
Levitan, J. J.
Liebman, S. D.
Lincoln, R. C.
Lindemann, E.
Lipmann, F.
Littlefield, J. W.
Littmann, D.
Lloyd, J. B.
Locksley, H. B.
Loftfield, R. B.
Long, R. T.
Lo-Presti, J. J.
Lorenz, M.
Lothrop, O. A.
Lovell, C. V. du B.
Lovesey, B. E.
Lowell, J. D.
Lowis, S.
Ludwig, A. O.
Lund, C. C.
Luongo, M. A.
Lyon, A. B.
Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
McCarthy, P. L.
McCartin, J. E.
McDermott, W. V., Jr.
McGinn, S.
McGovern, J. J. M.
McKeigue, J. E.
Macmillan, A. S., Jr.
Maloof, F.
Mangiaracine, A. B.
Mannick, J. A.
Marble, A.

Marble, H. C.
Marcus, S. M.
Mark, V. H.
Marshall, C. K.
Martin, S. F.
Matoltsy, A. G.
Mattos, E. R.
May, G. E.
Means, J. H.
Meigs, J. V.
Merlis, J. K.
Merrill, O. E.
Michel, W. S.
Michelsen, J. J.
Miller, D.
Miller, L. C., Jr.
Miner, L. M. S.
Miner, R. L.
Mixter, C. G.
Mixter, C. G., Jr.
Mixter, G., Jr.
Moore, F. D.
Moore, R. F.
Mora, F.
Moran, T. W.
Morgan, W. S.
Morrison, G. M.
Morrison, H. R.
Mosher, H. A.
Mudd, S. H.
Mueller, H. P.
Mueller, W.
Murphy, H. J.
Murray, J. E.
Mushatt, C.
Myers, G. S.
Nadas, A. S.
Nardi, G. L.
Nathan, L.
Nemiah, J. C.
Neumann, E. T.
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Noss, G. M.
O'Brien, F. W., Jr.
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Offenbach, B.
Okamura, I. D.
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Osgood, H. A.
Osgood, R. B.
Palmer, R. S.
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Point, W. W.
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Record, E. E.
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Rogers, W. A.
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Smith, W. D.
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Stone, W., Jr.
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Zeller, J. W.

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Carter, G. H.
Cobb, S.
Dawes, D. C.
Deutsch, H.
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Evans, R. D.
Farnsworth, D. L.
Faulkner, J. M.
Forbes, A.
Frank, T.
French, E. G.
Gates, P. H.
Ginandes, S. C.
Godley, A. F.
Heath, C. W.
Horwitz, W. H.
Hubbard, E., Jr.
Ludwig, G. D.
Means, P. H.
Monks, J. P.
Ross, R. A.
Rudy, H. A.
Stevens, H. P.
Trump, J. G.
Walker, J. K.
Weinberger, J. L.
Whittemore, W. S.
Yaffee, H. S.
Young, R. A.
Zetzel, E. R.

Canton
Yens, O. C.

Chelsea
James, W. J.
Sneddon, E. A.

Cohasset
Howe, H. F.
Sceery, R. T.

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McDonald, F. C.
Tompkins, J. B.

Danvers
Hall, M. G.
Leach, C. A., Jr.
Licciardello, A. T.
Stanton, J. C.

Dedham
Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Natick
Garrett, J. W. D.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
MacLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Mason, W.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.

Foxboro
Putnam, J. J.

Framingham
Bloomberg, W.
Denton, J. E.
Folsom, H. F.
Golden, T. S.
Hirsch, L. S.

Gloucester
Garland, R.
Johnson, L. F.

Greenfield
Moran, J. E.
Wallace, E. P.

Hadley
Huntington, J. L.

Harvard
Brown, L. T.
Wigglesworth, W. C.

Haverhill
Shipley, M. S.
Shlossberg, F. R.

Hingham
Eldredge, L. L., Jr.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Mahoney, S. A.

Ipswich
Goodale, J. L.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.
Levek, J. A.
Waddington, E. J.

Leominster
Wheeler, C. A.

Lexington
Cosgrove, W. L.
Ferguson, A. B., Jr.

Longmeadow
Huston, L. L.
Seelye, R. H.

Lowell
Grant, G. J. M.
Leahey, B. D.
Rebello, D. J. A.
Stetson, J. B.

Lynn
McIntire, F. J., Jr.
Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.

Malden
Haire, P. G.
Thorp, E. G.

Marblehead
Hopkins, S. W.
Packard, F. H.

Watson, R. H.
Medfield
Reggio, A. W.
Medford
Morrissey, A. M.
Melrose
Daffinee, R. W.
Middleboro
Arzimanoglou, A. A.
Milton
Baker, W. J.
Binney, H.
Brown, L.
Coons, A. H.
Gamble, C. J.
Hepburn, J. P.
Kernan, R. D.
Sullivan, E. R.
Tudor, F.
Van Dyke, W.
Vose, R. H.
Nahant
Cusick, L. F.
Needham
O'Keeffe, A. F.
New Bedford
Canada, W. J.
Hoffman, H. A.
Lewis, E. O.
Maynard, G. B., Jr.
Stevens, H. W.
Tripp, C. C.
Newburyport
Bullard, C. W.
Clark, G. O.
Hamilton, R. DeL.
Toppan, R. L.
Newton
Adler, M. H.
Bell, G. O.
Shirley, J. N.
Newton Centre
Derow, S.
Rutherford, R. W.
Newton Highlands
Kaplan, S.
Thompson, R. D.
Northampton
Averill, J. H.
Tatlock, H.
North Andover
Wallwork, D. W.
Norwood
Sternstein, H. J.
Pittsfield
Breslin, J. E.
Reynolds, G. S.
Tracy, R. J.
Plymouth
Hamilton, H. H.
Quincy
Ciano, J. F.
Hussey, M. B.
Salem
Breed, F. B.
Clark, D. S., Jr.
Flynn, J. G.
Freedberg, A. P.
LeDonne, J. E.
Lowd, H. M., Jr.
Peirson, E. L.
Phippen, W. G.
Polansky, S. C.
Shannon, J. M.
Stebbins, H. D.
Thompson, R. H.
Sharon
Brown, R. H.
South Barre
Warner, J. H.
Southboro
Ingalls, T. H.
South Hamilton
Rogers, D. M.
Springfield
Bachulus, M. J.
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Drewry, G. R.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Lewis, J.
Williams, D. W.
Stockbridge
Kimberly, C. H.
Swampscott
Mayo, F. B.
Miller, C. C.
Vineyard Haven
Greene, E. M.
Waltham
Hardy, I. B., Jr.
Holmes, J. A.
Lawlor, E. F.
Lewis, J. L.
Shugar, J. L.
Wood, B. S.
Wareham
Lincoln, J. R.
Waverley
Beuscher, R. B.
Beuscher, W. F.
Bogoch, S.
Bower, W. H.
Cain, A. J.
Clark, J. G., Jr.
Craddock, C. G., Jr.
de Marneffe, F. L. A.
Folch-Pi, J.
Hallenbeck, D. F., Jr.
Haycox, J. A.
Hess, H. H.
Howard, P. M.
Le Baron, F. N.
Lees, M. B.
Pierce, I. R.
Porter, H.
Sharpe, J. D.
Sloane-Stanley, G. H.
Walter, M. McN., Jr.
Weiss, R. S.
Wood, W. F.
Wayland
Abbot, E. S.
Wellesley
Pfeffer, W., Jr.
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Angelini, H. D.
Parker, J. S.
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Holt, W. L., Jr.
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West Newton
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Weston
Greene, D. C., Jr.
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Haley, W. D.
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Mixter, W. J.
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Kalil, F. H.
Kalil, T. H.
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Lium, R.
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FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 105 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See also page 106 of this Report

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